NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2 SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CECIL F--ETC(U). JUN 78 AD-A060 541 UNCLASSIFIED NL O60541 ## I

SECURITY CLASSIFICATION OF THIS PAGE (When Data Filtered)	
REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 2. GOV1 ACCESSION NO	. 3. RECIPIENT'S CATALOG NUMBER
Summary of Meteorological Observations, Surface	5. TYPE OF REPORT & PERIOD COVERED
(SMOS) Cecil Field, Florida	Reference report 1947-1977
	6. PERFORMING ORG. REPORT NUMBER
Naval Weather Service Detachment Asheville, N. C. 28801	8. CONTRACT OR GRANT NUMBER(*)
9. PERFORMING ORGANIZATION NAME AND ADDRESS  Naval Weather Service Detachment  Federal Building	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
Asheville, N. C. 28801	
Director, Naval Oceanography and Meteorology	June 1978
National Space Technology Laboratories NSTL Station, MS 39529	13. NUMBER OF PAGES 358
14. MONITORING AGENCY NAME & ADDRESS(II dillerent from Controlling Office)	15. SECURITY CLASS. (of this report)
	Unclassified
	15. DECLASSIFICATION/DOWNGRADING SCHEDULE
15. DISTRIBUTION STATEMENT (of this Report)	ACCESSION for
Approved for public release; distribution unlimit	DDC Buff Section  UNANNOUNCED  JUSTIFICATION
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, If different for	BY DISTRIBUTION/AVAILABILITY CODES DIST. AVAIL and for special
18. SUPPLEMENTARY NOTES	A
19. KEY WORDS (Continue on reverse elde II necessary and identity by block number Climatology, surface wind, temperature, precipitatelative humidity, station pressure, extreme temperature temperature, weather conditions, monthly clacility, coastal region, snow depth, cloud cover	ation, ceiling, visibility, peratures, sea level pressure, limatology, Naval shore
This data report consists of a six part statistic weather observations. The six parts are: Part Atmospheric Phenomena, Part B - Precipitation/Snc Surface Winds, Part D - Ceiling versus Visibilit Psychrometric Summaries, Part F - Station Pressu	cal summary of surface A - Weather Conditions/ owfall/Snow Depth, Part C - cy/Sky Cover, Part E -

93832	STATION NO ON SUMMARY 93832	STATION NAME Cecil Field, Florida	1	30°1	13'N	LONGITUDE 81°53'W	STATION ELEV. (FT.)	CALL SIGN KNZC	WMO A JUSER	SE R
		STATION LOCATION AND INSTRUMENTATION HISTORY	Z	ND	STRUA	AENTA	TION HI	STORY		
NUMBER OF RARD			TYPE	AT THIS LOCATION	TION	ATITIOS		ELEVATION ABOVE MSL	IOVE MSL	280
LOCATION		GEOGRAPHICAL LOCATION & NAME	STATION	FROM	10		COMOTION	1994	TYPE BAROMETES	DAY
1.	Weather	Weather Service Office	Navy		1955	30°13'N	81°53'W	80	Mercurial	Var
2.	New baro	New barometer installed	:	1955	1960	:	=	80		24
3.	Moved wi	Moved within office	:	1960	1977	:	Ξ	*90.1		24
la.	Metro Office	fice	•	1964	1.	=	=	*93.1	Aneroid	24
100										
	* From 1 Height	* From 1969-1973 heights varied. Height reported on 1973 WBAN 10D.								
NUMBER	DATE	SURFACE WIND EQUIPMENT INFORMATION	IPMENT INFOR	WATION						
LOCATION	OF CHANGE	LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDIT	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR C-145E	OR REASON FOR C-14	GE
1.	Installed	Atop control tower		Selsyn		63,	1. Barograph	Barograph (open scale)	sale)	
la.				AN/UMQ-5		631	2. Ceiling 1	Ceiling light (ML-121)	-121)	
2.	1955	Lowered		Selsyn	Double	47.	3. Cloud her	Cloud height set (AN/GMQ-13B)	(AN/GMQ-13	38)
3.	1958	Installed 949' south southeast of Ons Bldg (replacement for	east	AN/UMQ-5	RD-108	14'	4. Transmis	Transmissometer (AN/GMQ-10C)	(AN/GMQ-10	()
	2	selsyn)					5. Auto Met	Auto Met station (AN/GMQ-29)	(AN/GMQ-2	(63
4.	1761	On top control tower		:	:	63,		-		
5.	1975	640' SSE of Ops Bldg			GMQ-29	14'	<u>a</u>	00-		

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NWSD, Federal Building Asheville, N. C.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

- Ten years of data will be used as the standard period of record (POR).
- 2. All available data will be used for extreme values.
- Summarize (update) every five years.
- a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
- b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
- c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
- d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS pre-pared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station. DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".O". (This value indicates a percent less than ".O5," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort COMMENT: All observations summarized in this tabulation have been computer edited for consistency and is made by this office to maintain a high degree of accuracy and reliability in these tables, and Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, Federal Building Asheville, N. C.

#### DART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- . By month and annual, all hours and years combined.
- By month and annual, all hours and years combined, by wind direction.
- . By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

ail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not Percentage of observations with obstructions to vision - Included in this category are the observations may be reported in the same observation, the sums of the individual categories may exceed the percentage when one or more of the above obstructions to vision occurred. Since more than one type of obstruction reflect the total observations with reduced visibility.

Percentages The total number of observations may vary among tables within the same month and period. may not always equal 100.0 due to rounding practices. NOTE:

#### PART A

# ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than pertotal columns.

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later. NOTE:

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly The main body of the "% Total" indicates percentage frequency observations and is presented by month and annual, all hours and years combined. (plus calm). Column totals show the number of observations.

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PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155			1240
% OF OBS WITH OBST TO VISION	37.4	4.84	55.5	51.0	25.2	20.6	24.5	32,9			36.9
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	0.6	4.5	5.2	31.6	19.4	1991	18.1	16.1			15.0
50	29.0	46.5	52.9	24.5	6.3	60	7.6	18.7			24.2
% OF OBS WITH PRECIP.	0.6	7.1	11.0	7.7	5.5	4.5	5.2	7.7		7	7.2
HAIL											1
SNOW AND/OR SLEET	9.								1		-:
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	8.4	7.1	11.0	7.7	5.2	4.5	5.2	7.7			7.1
THUNDER- STORMS				9.							-
HOURS (L.S.T.)	10	•	07	10	13	16	13	22			
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									_	_	and the second second
TOTAL NO. OF OBS.	141	141	141	141	141	141	141	141			1128
% OF OBS WITH OBST TO VISION	29.8	39.0	56.0	34.8	19,1	14.9	14.9	19.1			28.5
DUST AND/OR SAND	.,		.,	1.4	۲.	.,	.7	.7			
BLOWING											
SMOKE AND/OR HAZE	11.3	10.6	17.7	24.1	14.2	12.1	12.1	14.2			14.5
50	21.3	31.9	46.1	9.5	6.3	2.8	2.8	5.0			5.4 15.4 14.5
% OF OBS WITH PRECIP.	2.8	3.5	8.5	5.7	7.1	5.7	5.0	5.0			5.4
HAIL											
SNOW AND/OR SLEET					.,						
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	2.8	3.5	8	5.0	4.9	5.0	3.0	8.0			5.2
THUNDER- STORMS			۲.		۲.						2.
HOURS (L.S.T.)	10	*	10	10	13	16	19	22			
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PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155			1240
% OF OBS WITH OBST TO VISION	33.5	47.7	61.3	32.9	16,1	20.0	21.9	22.6			32.0
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	11.0	11.6	14.8	23.9	11.6	16.1	16.8	11.0			14.6
8	27.1	41.3	51.6	4.4	4.3	5.2	8.8	13.5			19.8
% OF OBS WITH PRECIP.	5.2	3.9	5.8	3.2	5.8	6.5	60	3.9			5.3
HAIL											
SNOW AND/OR SLEET	9.										.1
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	4.0	3.9	5.8	3.2	5.8	6.5	4.	3.9			5.3
THUNDER- STORMS	•	1.3	1.3	1.3	2.6	1.9	1.9	9.			1.4
HOURS (L.S.T.)	10	*	20	10	13	16	19	22			
HUONTH	MAR										OTALS

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YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150			000.
% OF OBS WITH OBST TO VISION	32,7	47.3	0.99	24.0	12.0	17.3	22.0	22.7			. 00
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	12.7	10.7	20.0	21.3	11.3	15.3	21.3	18.0			16.2
FOG	23.3	41.3	54.7	3.3	۲.	2.0	۲.	6.7			16.4
% OF OBS WITH PRECIP.	8.3	0.4	0.4	2.7	2.7	2.7	4.7	3,3			7 2
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	5.3	4.0	4.0	2.7	2.7	2.7	4.7	3.3			3.7
THUNDER- STORMS	1.3	1.3	1.3			۲.	۲.	1.3			0.1
HOURS (L.S.T.)	10	40	07	10	13	16	19	22			
МОМТН	APR										TOTALS

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PERCENTAGE PREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

МОМТН	HOURS (L.S.T.)	THUNDER-	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	F0G	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01	1.3	1.3				1.3	34.8	19.4			46.5	155
	•0	9.	1.9				1.9	58.7	16.1			0.69	155
	07	1.9	\$				4.8	58.7	34.2			80.0	155
	10	•	3.2				3.2	2.6	29.0			31.6	155
	13	1.3	3.2				3.2	1.3	16.1			17.4	155
	16	9.7	14.2				14.2	5.6	20.6			22.6	155
	19	7.7	0.6				0.6	7.1	22.6			27.1	155
	22	3.9	3.9				3.9	10.3	21.3			27.1	155
TOTALS		3.4	3.6				8.6	22.0	22.4			40.2	1240

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150		1200
% OF OBS WITH OBST TO VISION	50.0	0.89	80.0	28.7	18.7	24.7	32,7	32.0		0.14
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	21.3	19.3	41.3	28.0	18.0	23.3	30.0	22.7		28.8
FOG	33.3	56.7	48.7	۲.	۲.	1.3	2.7	10.0		10.2
% OF OBS WITH PRECIP.	2.7	2.0	5.3	3.3	8.0	10.7	12.0	8.7		4
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	2.7	2.0	e.	3.3	8.0	10.7	12.0	00		4.4
THUNDER- STORMS				۲.	1.3	14.7	12.0	2.0		4
HOURS (L.S.T.)	01	40	10	10	13	16	19	22		
МОМТН	NOS									TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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TOTAL NO. OF OBS.	155	155	155	155	155	155	155	195		1240
% OF OBS WITH OBST TO VISION	51.6	0.69	80.0	36.8	29.7	36.1	41.9	40.0		48.1
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	7.72	23.2	46.5	36.1	29.7	34.8	38.1	30.3		33.3
50	31.0	61.9	55.5	9.		1.9	3.9	12.3		20.9
% OF OBS WITH PRECIP.	\$.	1,3	•	1.3	4	15.5	10.3	3.2		5.2
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	9.	1.3	9.	1.3	4.6	15.5	10.3	3.2		5.2
THUNDER- STORMS	1.0	9.		9.	6.3	11.0	7.1	1.3		3.6
HOURS (L.S.T.)	10	*0	10	10	13	16	19	22		
MONTH	100									TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	50	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01	9.	9.				9.	35.5	18.1			48.4	155
	*0		1.9				1.9	9.29	14.2			0.69	155
	07		2.6				5.6	0.69	32.9			84.5	155
	10	9.	3.2				3.2	1.3	30.3			31,6	155
	13	6.5	4.3				4.5		21.9			21.9	155
	16	14.8	11.6				11.6	1.3	22.6			23,9	155
	19	13.5	16.1				16.1	3.9	26.5			29.7	155
	22	2.6	3.9				3.9	14.2	25.8			34.8	155
TOTALS		8.	5.6				9.6	23.5	23.5 24.0			43.0	1240

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	10		0.0				0.9	34.0	23.3			48.7	150
	90		2.0				2.0	62.0	20.7			71.3	150
	0.7		2.7				2.7	78.0	30.7			91.3	150
	10	۲.	2.7				2.7	4.7	47.3			52,0	150
	13	2.7	4.7				4.7	۲.	32.7			33,3	150
	16	7,3	10.7				10.7	3.3	32.0			35,3	150
	61	8.0	13.3				13.3	8.0	33.3			40.7	150
	22	4.7	8.7				8.7	14.7	30.0			40.7	150
TOTALS		2.9	6.4				4.9	25.7	31.3			51.7	1200

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	45.2	50.3	4.89	51,0	33,5	32,3	0.04	44.5		45.7
AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	21.9	17.4	31.0	49.7	33.5	31.6	34.8	31.0		31.4
90	30.3	40.0	51.0	3.2		1.3	5.2	18.7		18.8
% OF OBS WITH PRECIP.	9.	9.	1.9		0.6	3.2	4.5	1.9		2,1
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	9.	9.	1.9		3.9	3.2	4.5	1.9		2.1
THUNDER- STORMS					1.3	9.	1.3	•		
HOURS (L.S.T.)	10	*0	07	10	13	16	19	22		
MONTH	100									TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150			1200
% OF OBS WITH OBST TO VISION	44.7	50.7	64.7	46.0	21,3	18.0	20.7	32.0			37.3
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	8.0	0.0	11.3	37.3	17.3	13.3	12.7	11.3			14.7
50	38.7	48.7	58.7	10.7	4.7	4.7	9.3	23.3			24.9
% OF OBS WITH PRECIP.	3.3	5.3	4.7	2.0	5,3	0.9	3,3	7.3			4.7
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											1.
RAIN AND/OR DRIZZLE	3.3	4.7	4.7	2.0	5.3	0.0	3.3	7.3			4.6
THUNDER- STORMS											
HOURS (L.S.T.)	01	*0	0.7	10	13	16	10	22			
МОМТН	VON										TOTALS

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CECIL FIELD, FLORIDA

93832 STATION

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ISEAS-BEOS TISH

73-77

DEC

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155			1240
% OF OBS WITH OBST TO VISION	33,5	45.6	54.8	51.0	23.9	18.7	23.2	27.7		9	34.4
DUST AND/OR SAND					••						1.
BLOWING											
SMOKE AND/OR HAZE	11.0	0.6	16.1	34.2	18.7	14.8	14.8	11.6			16.3
FOG	23.9	36.8	43.9	18.1	4.5	3.9	4.0	17.4			19.8
% OF OBS WITH PRECIP.	11.0	11.6	10.3	7.1	6.9	7.7	0.6	10.3			9.2
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE		9.									-:
RAIN AND/OR DRIZZLE	11.0	11.0	10.3	7.1	6.9	7.7	9.0	10.3			9.1
THUNDER- STORMS		1.3					9.				.2
HOURS (L.S.T.)	01	40	10	10	13	16	19	22			
МОМТН	DEC										TOTALS

93832 STATION

CECIL FIELD, FLURIDA

73-77

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

THUNDER- AND/OR STORMS DRIZZLE
7.1
5.5
5.3
3.7
5.0
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## WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

93832 CEC !

CECIL FIELD, FLORIDA

5

53-77

YEARS

ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENDMENA FROM DAILY OBSERVATIONS

TOTAL NO. OF OBS.	767	106	775	750	175	750	775	175	749	775	750	775	9122
NO. OI OBS.													
% OF OBS WITH OBST TO VISION	80.8	75.9	71.5	75.5	83.2	81.1	73.9	85.4	89.1	60.0	82.5	79.2	79.9
DUST AND/OR SAND		1.6	6.	1.5	•				-	4.	1.	•	•
BLOWING													
SMOKE AND/OR HAZE	67.8	01.6	96.9	59,5	65.3	65.3	56.9	63.5	9.89	67.2	61.9	65.7	63.6
50	59.8	57.9	53.7	61.5	70.5	68.3	60.5	76.5	76.6	63.5	66.1	0.09	9.40
% OF OBS WITH PRECIP.	38,3	38.7	35.2	31.9	39.6	53.6	61.9	61.7	53.1	37.4	32.7	35.1	43.3
HAIL			1.			-:							7.
SNOW AND/OR SLEET	*.	•	1.							V		1.	1.
FREEZING RAIN &/OR DRIZZLE	.3												0.
RAIN AND/OR R DRIZZLE	37.9	38.7	35.2	31.9	39.6	53.6	61.9	61.7	53.1	37.4	32.7	35.1	43.2
THUNDER- STORMS	2.6	6.9	<b>80</b>	12.7	23.7	37.5	52.5	47.4	25.6	7.6	1.5	3.7	19.2
HOURS (L.S.T.)	DAILY												
MONTH	NAU	634	MAR	APR	MAY	S.	101	AUG	SEP	100	VOV.	DEC	TOTALS

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STE STEED WIND DIR. VS WETTHER JAN 68

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

CECIL FIELD, FLORIDA

93832 STATION

JANUARY 1973-DECEMBER 1977

JANUARY

ALL HOURS (L.S.T.)

			_	_	_				_		_		_	_	_		_	
	WEATHER	59.8	45.0	28.6	47.4	57.6	52.0	55.6	52.8	61.0	60.5	68.8	73.8	69.5	81.0	78.0	66.1	
SAND	DUST											W						
BLOWING	SNOW																	
SMOKE	HAZE	15.0	13.8	36.5	26.3	18.2	12.0	7.4	13.9	13.0	13.6	14.8	601	10.2	8.9	601	12.8	
ICE FOG GROUND	FOG	7.5	11.3	4.8	5.3	6.1	12.0	52.9	10.7	11.7	11:1	1.6	6.3	6.6	3.8	7.7	1.6	
509		15.9	28.8	34.9	23.7	21.2	20.0	11.1	16.7	10.4	8.6	9.8	0.3	5.6	5.1	12.2	14.1	
THUNDER										1.3								
HAIL	HAIL													1				
GRAINS GRAINS	" SHOWERS																	
" SHOWERS	CRYSTALS																	
RAIN	DRIZZLE																	
DRIZZLE		1.9	8.6	3.2	5.3						2.3	1.0			3.0	4.7	2.0	
RAIN	SHOWERS	6.	1.3				4.0		2.8	2.5	3.7	3.3	5.5	1:1	3.7	7.5	1.3	
RAIN		4.6	6.3	1.6	5.6		4.0	4.		7.1	6.4	6.4	5.5		1.3	707	0.6	
WIND	DIRECTION	z	NNE	NE	ENE	B	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	MN	NNN	VARIABLE

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TOTAL NUMBER OF OBSERVATIONS

1,240

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TOTAL %

CALM

NAVWEASERVCOM

9/6

CECIL FIELD, FLORIDA 93832 STATION

JANUARY 1973-DECEMBER 1977

FEBRUARY

ALL HOURS (L.S.T.)

	WEATHER	71.2	52.5	67.4	63.0	72.5	78.9	72.0	84.6	55.0	60.3	80.0	82.0	19.0	80.8	75.8	82.2		N. A.	780	69.1
BLOWING	SAND																		X		
	BLOWING																		X		
	SMOKE	11.0	23.0	11.6	10.9	19.6	10.5	12.0	11.5	21.7	2.6	80	10.0	10.5	1.1	18.2	1111		X	155	13.7
	GROUND	9.6	9.6	4.7	10.9	2.0		8.0	3.6	20.0	11.3	7.5	0.4	3.2	1.3	1.5	4.4		1	105	6.6
	509	5.5	13.1	16.3	8.7	3.9	5.3	0.4		3.3			3.0	3.5	4.9		2.2		N. A.	9	6.1
	THUNDER									3.3		1.3							X		.3
HAIL	SMALL																		X		
NOW	GRAINS " PELLETS " SHOWERS														5.0	1.5			X	60)	. 3
SLEET	" SHOWERS ICE CRYSTALS																		X		
FREEZING	FREEZING DRIZZLE																		$\bigvee$		
9	DRIZZLE	2.7			2.2	2.0							1.0		3.6				V \	13	1.3
	RAIN		9.1			2.0		4.0	3.8	6.7	4.2	3.8	0.5	5.4	5.6	1.5				23	2.0
	RAIN	4.1	9.2	1.0	6.5					3.3				1.0		1.5	2.2		X	20	1.8
	WIND	z	NNE	NE	ENE	Ε	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,128

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CECIL FIELD, FLURIDA 93832 STATION

JANUARY 1973-DECEMBER 1977

ALL HOURS (L.S.T.)

MARCH

WEATHER	57.1	50.0	45.8	49.0	67.4	71.9	67.7	52.7	67.4	67.1	18.3	74.8	86.1	73.2	87.2	76.7			811	65.5
SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	15.9	20.8	2.62	37.3	13.5	10.5	1.01	10.9	13.2	14.1	10.9	0.41	3.8	75.5	5.0	0.1		No.	172	13.9
ICE FOG GROUND FOG	6.8	15.1	8.3	3.9	0.6	10.5	4.4	14.5	13.0	8.2	3.3	0.5	0.3	1.3	2.0	3.3			127	10.3
509	22.2	9.6	14.6	19.6	6.1	5.3	6.5	14.5		5.9	4.3	3.1	1.3	5.4	3.1	10.0		V A	119	0.0
THUNDER		1.9			2.2			0.0	1.1	4 . 3	1:1	2.0	2.3	6.5	9.5	3.3		M	60	1.05
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE																		$\bigvee$		
RAIN		5.7		3.9	4.5	3.5	3	4.1	2.2	3.5	3.3	3.1	3.1	6.5	1.6	3.3		\$ \ \	6	3.1
NAIN	6.8	3.6	0.3	3.9	2.2		1.6		1.1	7.1	3.3	6.			9.2	10.0		M	26	2.1
WIND	z	NNE	N.	ENE	B	ESE	SE	SSE	s	SSW	SW	WSW	*	MNM	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,239

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NAVWEASERVCOM

CECIL FIELD, PLURIDA 93832 STATION

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JANUARY 1973-DECEMBER 1977

ALL HOURS (L.S.T.)

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NO	60.9	44.0	53.3	77.0	71.0	80.3	66.7	71.0	75.0	71.9	72.8	75.7	85.1	93.2	85.7	73.9		To A	816	68.0
BLOWING SAND AND DUST																		X		
BLOWING																		X		
SMOKE	14.0	26.0	26.7	18.0	22.9	11.5	17.9	12.9	16.1	15.6	16.0	11.4	6.8	4.6	7.1	13.0		X	186	16.3
ICE FOG GROUND FOG	25.6	16.0	13.3	1.6	4.6	3.3	10.3	4.4	7.1	6.9	4.9	7.1	2.0	3.4	4.8	8.7		V X	118	9.6
F0G		14.0	6.7	1.6	1.5	3.3	7.7	6.5	3.6	9	6.2	4.3	3.0			4.3		N. A.	18	6.8
THUNDER	2.3		3.3			3.3	5.1		1.8	1.6	1.2	1.6			5.4			X	12	1.0
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWERS																		X		
SLEET " SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\setminus$		
ORIZZLE																		X	-	. 1
RAIN	2.3	4.0	3.3	3.3		3.3	5.1		1.8	3.1	1.2	5.9	2.0		5.4	40		X	22	1.8
RAIN	6.3	2.0	5.0	1.6	3.1	3.3			3.6	1.6	1.2		1.0					X	21	1.8
WIND	z	NNE	NE	ENE	В	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

1,200

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CECIL FIELD, FLORIDA 93832 STATION

ALL HOURS (L.S.T.)

MAY JANUARY 1973-DECEMBER 1977

NO	27.7	42.1	50.0	73.0	68.5	62.0	51.9	47.9	67.9	63.5	71.8	70.0	55.6	68.6	76.9	20.0			489	55.2
SAND SAND AND DUST																	V	$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	31.9	58.8	36.7	23.0	53.4	1172	1 . 42	27.1	17.9	53.4	10.5	12.0	17.2	14.3	3.8	16.7			277	22.3
GROUND FOG	21.3	21.1	10.0		3.6	8.5	13.0	10.4	2.1	11.1	4.6	13.0	14.1	6.4.	1.1	16.7		22	202	16.3
500	19.1	13.2	6.7	1.4	90		5.6	12.5	20		5.4	1.0	8.1			11.1			7.1	2
THUNDER	4.3	5.5		4.1	3.0	5.6	11:1	4.2	7.9	2.6	7.5	9.0	1.0		1.1	111.1		X	42	3
HAIL SMALL HAIL																		M		
GRAINS " PELLETS " SHOWERS																		M		
SLEET  " SHOWERS  ICE  CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE																		$\bigvee$	-	-
RAIN	12.8	1.9	3.3	4.1	2.1	2.0	4.	10.4	4.0		5.4	0.0	9.1	6.2	11.5			X	52	4.0
N A IN					6.				5.0	1.0	7.7	0.1	0.3	6.7				V \	12	VI
WIND	z	N N M	N N	ENE	B	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	WN	NNN	VARIABLE	CALM	TOTAL	W TOTA!

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TOTAL NUMBER OF OBSERVATIONS

1,240

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CECIL FIELD, FLURIDA 93832 STATION

30

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45

JANUARY 1973-DECEMBER 1977

JUNE

ALL HOURS (L.S.T.)

SAND		1	54.	600	68	67	51	57	58	60	99	31	54	63	44	55.6		X	630	52
S																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	31.0	25.4	22.6	31.4	19.4	18.2	26.8	21.4	16.5	18.9	26.7	31.2	28.4	18.2	0.8	14.8		Y	304	25.3
GROUND	15.5	15.9	4.6	4.3	6.9	5.5	12.2	16.1	17.6	12.2	13.3	11.8	11.2	18.2	16.0	14.8			168	14.0
20	17.2	6.4	3.8			1.8		3.6		4.1	.3	5.4	1.7	3.0	8.0	7.4		0 X	63	5.3
THUNDER	3.6	4.8	3.8	4.3	5.4	5.5	9	9.6	v. v.	4.1	0.0	2.2	2.6		20.0	7.4		X	84	0.4
HAIL	HAIL																	X		
GRAINS GRAINS PELLETS	2																	$\bigvee$		
	CRYSTALS																	X		
FREEZING RAIN FREEZING	DRIZZLE																	$\bigvee$		
DRIZZLE																		$\bigvee$		
RAIN	3.6	4.8	11.3	8.6	4.3	7.3	7.3	7.1	5.5	3.4		3.5	5.2		8.0			N N	96	4.5
NAN	12.1	4	5.7			1.8		3.4	2.2	1.4	1.7	1.1	1.1		0.4			X	25	2.1
WIND	z	NNE	N.	ENE	E	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,200

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STOR % FREE WIND DIR. VS WEATHER

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

CECIL FIELD, FLURIDA

93632 STATION

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JANUARY 1973-DECEMBER 1977

ALL

0

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JULY

NO	43.9	23.8	40.8	63.6	29.7	60.3	46.9	52.7	55.9	65.9	31.6	44.1	41.3	32.3	18.2	17.6		
BLOWING SAND AND DUST																		$\bigvee$
BLOWING																		$\bigvee$
SMOKE HAZE	31.7	42.9	46.9	30.3	29.9	20.7	40.0	53.6	18.9	24.4	20.6	39.8	4504	2.54	20.0	41.2		Y
GROUND FOG	26.8	35.7	10.2	6.1	6.9	13.8	18.8	12.7	22.8	3.7	20.3	18.6	10.3	12.9	18.2	17.6		ZY N
500	2.4	2.4	2.0	1.5			3.1		1.6				1.1	6.5	4.1	5.9		
THUNDER	6.4	7.1	1.,		3	3.5	6.9	5.5	3.1	4.9	5.5	5.5	6.5	4.6		17.6		XX
HAIL SMALL HAIL																		$\bigvee$
SNOW GRAINS PELLETS SHOWERS																		$\bigvee$
SLEET " SHOWERS ICE CRYSTALS																		$\bigvee$
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$
DRIZZLE																		$\bigvee$
RAIN	2.4	7.1	2.0	1.5	5.2	5.2	4.6	10.9	3.1	4.9	5.1	3.4	6.3	6.9	7.9.	17.6		
RAIN			2.0			1.01		5.5	5.4	1.2								$\bigvee$
WIND	z	NNE	NE	ENE	B	ESE	SE	SSE	s	SSW	SW	WSW	*	NN N	MN.	NNN	VARIABLE	CALM

TOTAL NUMBER OF OBSERVATIONS

1,240

1

0

587 47.3

408

233

2.1

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5.4

TOTAL %

0

NAVWEASERVCOM

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ALL HOURS (L.S.T.) AUGUST JANUARY 1973-DECEMBER 1977 CECIL FIELD, PLORIDA 93832 STATION

WEATHER	31.3	35.5	50.0	65.1	67.6	65.4	0.69	0.49	51.8	58.5	48.0	51.0	52.8	54.2	37.5	32.4		No.	635	51.2
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	25.4	39.5	37.9	26.7	50.9	19.8	16.7	18.0	31.8	18.9	28.0	18.4	33.3	12.5	18.8	50.5		22	298	24.0
ICE FOG GROUND FOG	41.8	15.8	13.6	3.5	5.0	8.6	9.5	14.0	14.1	18.9	18.0	18.4	5.6	16.7	6.3	59.4		92.0	250	20.2
507	7.5	6.6	1.5				2.4	0.4	2.4		4.0	2.0		80	12.5	<b>80</b>		X	41	30
THUNDER	4.5	9.9	1.5	4.7	7.2	6.6		2.0	4.4	1.9	8.0	8.2	8 3	4.2	25.0	8.8		X	09	4.8
HAIL SMALL HAIL																		M		
GRAINS GRAINS PELLETS SHOWERS																		M		
SLEET  SHOWERS  ICE  CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE																		$\bigvee$		
RAIN	4.5	5.3	4.5	3.5	8.6	4.9	4.8	0.4	2	7.5	8.0	10.2	8.3	8.3	12.5	8.8		M	63	5.1
RAIN	1.5			1.2		1.2	5.4		2.4									M	•	er.
WIND	z	NNE	N N	ENE	B	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	×	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

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SEES FREG. WIND DIR. VS WETHER

HAIL SMALL HAIL

SNOW GRAINS "PELLETS "SHOWERS

SLEET

SHOWERS

ICE

CRYSTALS

FREEZING RAIN FREEZING DRIZZLE

DRIZZLE

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DIRECTION

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# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

CECIL FIELD, FLURIDA 93832

JANUARY 1973-DECEMBER 1977

ALL HOURS (L.S.T.)

SEPTEMBER

42.2 34.1 55.6 51.1 54.3 42.9 52.4 38.9 30.5 57.1 51.8 BLOWING SAND AND DUST BLOWING 32.1 25.6 35.6 19.6 19.6 19.0 4.24 38.9 SMOKE 1.2 19.6 34.4 11.8 1111 12.5 10.2 11.5 14.3 14.3 16.7 GROUND FOG 3.6 13.3 2.2 2.5 2.2 7.1 FOG 26.77.77.00 4.3 2.0 3.0 THUNDER

TOTAL NUMBER OF OBSERVATIONS

1,200

525

31.3

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TOTAL

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CECIL FIELD, PLURIDA

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OCTUBER

ALL HOURS (L.S.T.)

JANUARY 1973-DECEMBER 1977

														-11/1				
0 2	WEATHER	54.5	55.0	48.4	53.9	52.7	40.7	61.1	45.5	48.4	53.3	75.0	0.09	55.6	78.8	71.4	64.3	
SAND	DUST																	
BLOWING	SNOW																	
SMOKE	HAZE	27.9	32.7	41.1	36.8	45.5	48,1	33.3	36.4	29.0	20.0	5.0	25.7	23.8	13.5	21.4	25.0	
ICE FOG GROUND	FOG	15.6	4.9	10.5	3.9	3.6		5.6	18.2	10.4	6.7	3.0	8.6	11.1	5.8	6.8	6.6	
507		5.7	5.8	3.2	9.2		11.1	5.6	4.5	3.2		10.0	8.6	9.5	3.8	1.8	0.0	
THUNDER			9.		1.3					3.2	6.7		2.9					
IN	HAIL																	
SNOW GRAINS " PELLETS	" SHOWERS																	
SLEET " SHOWERS ICE	CRYSTALS													-				
FREEZING RAIN FREEZING																		
DRIZZLE		4.																
RAIN	SHOWERS	1.6	1.8	2.1	2.6					3.2	20.0	5.0	8.6				1.2	
RAIN		4.								3.2				6.4				
ONIM	DIRECTION	z	NNE	NE	ENE	Ε	ESE	SE	SSE	S	SSW	SW	WSW	*	WNW	MN	MNN	

3

TOTAL NUMBER OF OBSERVATIONS

1,240

53.3

31.4

13.8

5.0

0 10

29

TOTAL % TOTAL

1

VARIABLE

CALM

2.4

8

0

JANUARY 1973-DECEMBER 1977 CECIL FIELD, FLORIDA 93832 STATION

40

:916

\$

8

0

3

1

50

1

1

1

-

3

0

ALL HOURS (L.S.T.)

NOVEMBER

49.9 73.1 50.0 73.0 50.0 50.0 50.0 77.0 74.3 736 61.3 X 66.1 WEATHER BLOWING SAND AND DUST BLOWING 14.2 13.4 0.87 30.0 20.1 12.2 1001 SMOKE 5.0 11.0 12.4 13.3 8.4 GROUND FOG 19.4 22.6 0.0 13.8 000 13.0 FOG 7 0.0 THUNDER HAIL HAIL SNOW GRAINS PELLETS SHOWERS SLEET
" SHOWERS
ICE
CRYSTALS FREEZING RAIN FREEZING DRIZZLE 3.6 2.6 9.1 Ç. 6. DRIZZLE 10 . 0 . 2.0 0.1 9.0 RAIN 30 200 3.8 2.4 5.5 1.0 2.5 1.9 RAIN VARIABLE WIND % TOTAL TOTAL CALM ENE ESE MNM NNN NNE SSE SSW WSW NE SE W SW ž 3 S

TOTAL NUMBER OF OBSERVATIONS

1,200

ੂੰ

0

3

STOR STREEL WIND DIR. VS WETTHER JAN 68

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JANUARY 1973-DECEMBER 1977 DECEMBER CECIL FIELD, FLURIDA STATION

ALL HOURS (L.S.T.)

ON	WEATHER	65.4	36.7	44.7	57.9	70.7	18.3	62.1	66.7	59.2	54.7	61.2	29.0	6.69	80.8	64.0	73.8		C.	769	62.0
SAND	DOSI																		$\bigvee$		
BLOWING	SNOW																		$\bigvee$		
SMOKE	37₩4	15.4	28.6	18.4	18.4	12.2	2.2	13.8	6.1	23.9	15.1	10.2	16.4	14.4	8.7	11.7	13.1		V A	193	15.6
GROUND	201	5.8	7.1	5.3	5.3	4.9	4.3	6.9	6.1	2.8	7.5	8.2	11.5	5.5	1.9	3.9	1.6		SY.	90	7.3
FoG		14.4	23.5	34.2	4.9	7.3	8.1	13.8	15.2	8.5	13.2	10.2	6	6.8	7.7	14.3	9.9			155	12.5
THUNDER										1.4	1.9					1.3			X	9	.2
HAIL	HAIL																		X		
GRAINS GRAINS PELLETS	SHOWERS																		X		
- 10	CRYSTALS																		X		
	DRIZZLE	1.0																	X	1	•
DRIZZLE			3.1	2.6	2.6				3.0	1.4			1.0			3.5	1.6		X	1.5	1.2
RAIN				5.6		4.2			3.0	9.6	5.7	10.2	3.3	2.1	1.9	1.3			X	23	1.9
RAIN		3.0	11.2	23.7	5.3	2.4	8.7	20.7	1.6	2.0	13.2	10.2	4.9	4.8	1.0	6.5	9.9		X	75	0.9
WIND		z	NNE	NE	ENE	ы	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	N.V.	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

NAVWEASERVCOM

9/6

300

Q

CECIL FIELD, FLORIDA 93832

RAIN

RAIN

WIND

NN AN ENE

8

JANUARY 1973-DECEMBER 1977

ALL

HOURS (L.S.T.)

ALL

NO	51.1	45.2	45.9	61.6	67.1	65.2	59.7	59.0	59.5	63.8	63.2	64.3	66.3	73.9	5.89	61.9			8377	57.3
SAND SAND AND DUST																				
BLOWING																				
SMOKE	23.6	27.3	32.9	27.0	25.2	18.7	21.7	18.0	19.8	16.7	19.8	19.5	18.4	13.0	14.9	17.9			3115	21.3
ICE FOG GROUND FOG	17.9	13.2	9.6	0.4	5.5	7.5	11.7	13.3	13.6	10.0	8.6	10.7	8.3	9.0	1.9	6.3		2	1939	13.3
50	10.8	13.8	11.9		3.2	4.3	5.4	6.9	4.7	5.1	4.7	4.1	4.2	4.0	6.5	0.6		X	1118	7.7
THUNDER	1.0	1.8	1.4	2.1	2.5	3.1	0.4	2.4	3.0	2.0	2.2	2.0	2.0	1.3	3.0	2.1			273	1.0
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWERS															2.			X	4	0.
SLEET  " SHOWERS ICE CRYSTALS																				
FREEZING RAIN FREEZING DRIZZLE	1.																	X	N	0.
DRIZZLE		6.1	•	. 5	. 2	.2		2.	2.		1.			0.1	1.1	1.5		X	7	6.
RAIN	1.9	3.0	3.0	3.4	3.3	3.7	4.4	5.7	4.4	4.8	3.8	3.7	3.4	1.2	3.5	2.2	1	X	432	3.0

SSE

40

SSW SW

1

5

ESE

W

3

TOTAL NUMBER OF OBSERVATIONS

568 0.2

TOTAL % TOTAL

0

0

0

0

VARIABLE CALM

0

WNW NNN

0

WSW

14,607

0

3

1

#### PART B

# PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL\*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly latter statistics above are not presented for the snow depth summary since they would have limited use and and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). may be misleading.
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. ö

Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT Snow depth at 0800 LST Snow depth at 1230 GCT Snow depth at 1200 GCT From beginning of record thru Jun 52 From beginning of record thru 1945 Jun 57-present Jun 57-present Jul 52-May 57 Jan 46-May 57 U. S. Navy and Weather Air Force Stations

\* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

#### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

CECIL FIELD, FLORIDA

·N •

1, 53-77

75.4

UNTS				.35	1.08	.69	.67	.47	2.51	2.23	2.30	1.52	.25	.10	.12	X
MONTHLY AMOUNTS	(INCHES)		ORCAIRS	99.9	7.75	.5910.35	6:19	11:27	3.25	2.50	16.54	12.48	1.72	3.98	7:37	X
MONT		7		2.88	3.89	3.59	2.59	3.9711.27	6.7313.25	7.2712.	7.05	6.2612.48	3.5211.72	1.63	2.92	922352.30
	NO.	9 o		744	706	808	780	173	780	806	806	720	175	750	775	9223
TNECENT	OF DAYS	MEASUR-	AMTS	27.0	29.0	54.9	21.8	28.0	43.5	50.5	4.7.4	0.04	26.8	20.5	25.4	32.0
	10.01-20.00 OVER 20.00 OF DAYS	OVER 50.4	OVER 120													
	10.01-20.00	25.5-50.4	61.120													
	5.01-10.00	15.5.25.4	49.60						.1			.1	• 1			0
	2.51.5.00	10.5.15.4	37.48		4.	.2		*.	6.	9.	. 5	2.1	. 3			5.
	1.01-2.50	6.5.10.4	25.36	2.4	9.0	3.3	2.6	2.8	5.9	6.1	6.8	3.5	2.5	1.1	2.7	3.6
CHES)	.51.1.00	2.5-6.4	13.24	4.4	4.7	4.2	3.6	4.6	ø.	8.8	7.8	3.6	4.5	2.5	3.9	5.1
AMOUNTS (INCHES)	.2650	3.5.4.4	7.12	4.0	5.0	4.0	3.8	4.9	7.9	9.6	8.1	4.1	3.6	2.8	4.0	5.4
AMO	л25	2.5.3.4	9-7	6.5	5.5	5.3	3.8	9.0	7.6	10.4	9 • 4	7.6	4.9	4.5	5.9	6.2
	0190.	1.5.2.4		3.5	4.0	2.5	2.4	4.0	5.6	5.8	4.3	3.9	3.1	2.7	3.9	3.8
	.0205	0.5-1.4	2	4.6	3.5	3.6	4.2	4.5	6.5	9.0	8.7	7.6	6.1	4.9	3.1	5.3
	6.	₽.0-1.0	-	2.2	2.3	1.7	1.3	1.5	2.1	2.4	2.7	2.9	1.8	2.0	1.9	2.1
	TRACE	TRACE	TRACE	11.4	9.6	10.7	10.6	11.6	10.0	11.7	14.4	12.6	10.6	15.1	9.7	11.2
	NON	MONE	NON	61.6	61.3	4.49	67.6	4.09	46.5	38.1	38.2	47.4	62.6	67.3	64.9	56.7
	PRECIP.	SNOWFALL	SNOW.	JAN		MAR	APR	MAY	N	JUL .	AUG	SEP	100	NON	DEC	ANNUAL

#### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

CECIL FIELD, FLORIDA

· N 7

53-77

						AA	AMOUNTS (INCHES)	NCHES)						17110		NOW	MONTHLY AMOUNTS	STNU
PRECIP.	NON	TRACE	5	.02.05	0190.	.II25	.2650	.51.1.00	1.01.2.50	2.51.5.00	2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NON	TRACE	0.1.0.4	0.5.1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	4.01.5.9	10.5.15.4	15.5.25.4	25.5.50.4	OVER 50.4	MEASUR-	o 0			
SNOW.	NON	TRACE	-	2	9	4.6	7.12	13.24	25.36	37.48	49.60	61-120	OVER 120	AMTS		MEAN	GREATES	IEVSI
NAL	99.6	.3	.1											•1	744	744TRACE	.3	•
5	99.4	•													706	706TRACETRACE	FRACE	•0
MAR	6.66	.1													808	TRACE	ROSTRACETRACE	.0
APR	100.0														780	0.	••	.0
MAY	100.0														806	0.	0.	.0
NOT	100.0														720	0.		.0
JUL	100.0														808	0.	0.	• 0
AUG	100.0														775	•	0.	.0
SEP	100.0														750	0.	.0	.0
000	100.0														775	0.	0.	.0
NOV	100.0														750	0.	0.	
DEC	99.9	.1													775	TRACE	775TRACETRACE	
ANNUAL	4 99.6	.1	.0											0.	9193	0.	X	X

10

3

3

3

3

10

#### DAILY AMOUNTS

0

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

CECIL FIELD, FLORIDA STATION NAME

47.

YEARS

MONTHLY AMOUNTS	(INCHES)	_	OREATEST													
MONTH	E		D NCAN													
	NO.	9 OF		744	706	175	750	808	750	808	775	750	775	150	744	
TNECASA	5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	MEASUR-	AMTS													
	OVER 20.00	OVER 50.4	OVER 120													
	10.01-20.00	25.5-50.4	61-120													
	5.01.10.00	15.5.25.4	49.60													
	2.51.5.00	10.5.15.4	37.48													
	1.01-2.50	6.5.10.4	25.36													
CHES	.51.1.00	4.5.6.4	13.24													
AMOUNTS (INCHES)	2650	3.5.4.4	7.12													
AMO	л25	2.5.3.4	9.7													
	0190.	1.5.2.4	9										3			
	.02.05	0.5-1.4	2													
	10.	0.1.0.4	-													
	TRACE	TRACE	TRACE	1.			o .									
	NON	NON	NON	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	PRECIP.	SNOWFALL	SNOW.	NAL	168	MAR 1	APR 1	MAY 1	NOT	101	AUG 1	SEP 1	100	NON	DEC 1	

0

10.

\*

3

3

FROM DAILY OBSERVATIONS

24 HOUR AMOUNTS IN INCHES

53-77

47,

CECIL FIELD, FLORIDA

93832 STATION

\$

0

0

YEAR	JAN.	<b>£</b>	MAR.	APR.	MAY	, NOT	JUL.	AUG.	SEP.		NOV.	DEC.	ALL
10		1 2 3 3	1.39			1:75	-	.67	1	1			
23		1.42	1.76	2.25	.27	1.04	-	1.25	1.59	1.37	1.41	1.78	
34	.23	-	1.23	. 73	10	1.05	-	1.28		00.1		.65	
52	1.46	1.57	1.40	69.	1.08	1.80	-	2.	2.87	1.96	1.16	.13	2.87
96	1.17	1.07	***	1.32		1.06	-	1.85	28.	5.73	.34	90.	5.75
57	.17	. 85	1.40			2.96		1.45	2.20	5.00	.77		2.96
28	86.	12.1	1.02	21.2	10.	. 93	~	22.2		1:11	1:31	1.40	75.34
66	2.38	2.08	5.99	1:11	3.27	1.57	-	1.34	3.78	.78			3.78
00	. 83	1.39	5 . 49	79.7	.36	1.34	2.4	1.16	3.50	1.63	01.	.74	3.50
19	.61	1.31	1.55	1.13	1.62	1.56	•	2.72		.23	.90	.27	4.03
29	69.	14.	1.03	1.05	1.36	3.01	3.0	1.58	29.	.85	.37	04.	3.02
63	1.88	2.64	.80	04.	. 80	3.90	. 85	1.31		.25	. 62		3.90
40		2.29	40.	2.48	5.93	2.54	2	2.03		1.02			5.93
69	.41	1.53	1.69	1.35	.40	1.73	1.04	2.43	2.95	.79	1.51	1.92	2.95
99	79.1	1.76	1.07	.64	3.28	2.73	-	1.59	2.26	1.97	.21		3.28
67	1.35	1.89	. 50	.77	. 80	2.32	-	2.33	1.54	.42	.30	1.37	2.33
99	84.	1.14	. 50	.95	10.2	7.80	_	66.4	1.08	1.48		.34	7.80
69	66.	3.31	1.41	.32	1.20	1.38	~	1.88	2.34	3.40	1.19	1.26	3.40
10	1.50	4.50	4.17		1.08	1.40	-	1.29	.38	1.12	.0.	.37	4.17
7.	1.13	1.29	1.64	1.72	.71	2.38	-	1.88	1.17		.51		2.38
72	1.63	. 95	1.98	1.02		3.33	_	2.71	1.83	-	1.26		3.33
73	1.03	1.63	1.84	2.11	1.06	1.88		1.82	1.55	. 50	.27	1.62	2.11
74	642	28.	1.97	99.		1.61	2.2	1.38	3.87		.35		3.87
20	1.18	96.	1.21	1.54	1.91	1.52	~	.70	4.00	3.25	. +8	11.11	4.00
75	1.08	16.	1.51		-	3.94	2.0	09.	2.73	1	. 86		3.94
11		2.68	1.19	.63		1.67	-	1.43	0	.17		1.05	3.00
MEAN	1.05	1.60	1.52	1.16	1.52	2.24	-	1.72	2.43	1.45	.78	1.01	3.71
S. D.	.539	.937	169.	. 587	1.309	1.420	•	. 893	1.311	1.233	.537	. 605	1.325
TOTAL OBS.	164	106	908	180	175	780		806	720	173	750	775	6223

(FROM DAILY OBSERVATIONS) PRECIPITATION

CECIL FIELDS FLORIDA STATION NAME

93832 STATION

E

53-77 47,

YEARS

/BASED ON LESS THAN FULL MONTHS/

YEAR	JAN.	5	MAR.	APR.	MAY	, NO.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	MONT
4.4					1.12				3,36				PRECI
53	23.								2				DAYS
54									1.69				DAYS
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								9 W W W		
MEAN													
S. D.													
TOTAL OBS.													-

8

8

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3

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3

NAVWEASERVCOM

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3

SNOWFALL

(FROM DAILY OBSERVATIONS)

53-77

CECIL FIELD, FLORIDA

93832 STATION

24 HOUR AMBUNTS IN INCHES

W /	JAN.		MAR.	APR.	MAY	NO.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL
1			0.	0.	0.		0.		0.				
		0.	0.	•	0.	0.	•	0.	0.	0.	0.	0	
	0.	0.	•	0.	0.		0.	0.		0.	0.	0.	
	•	0.	TRACE	0.	0.	0.	0.	0.	0.	0.	0.	0.	TRACE
	0.	0.	0.	0.	0	0.	0.	0	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0	•	0.	0.	0	0.
	TRACE	TRACE		0.	0.	0.	0.	0.	0.	0.	0.	0.	TRACE
_	0.	0.		•	0.	0.	0.	0.	0.	0.	0.	0	0.
	0.	0.	•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	•	0.	0.	•	0.	0.	0	0.	0.	0.	0	0
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	TRACE	YRACE
	0.	•	0.	0.		0.	0	0.	0.	0.	•		0
	0.	•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	•	0.	•	•	•	0.	0.	0.	0.	0.	0	0	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0	0.
	0.	•	0.	0.	•	0.	0.	0.	0.	0.	0.	0.	0.
	0.	TRACE	0.	0.	o.	0.	0.	0.	0.	0.	0.	0.	TRACE
	•	•	0.	0.	0	0.	0	•	0.	0.	0.	0.	0.
	0.	0.	•	0.	•	0.	0.	0.	0.	0.	0.	0.	0.
_	•	•	•	0.	•	•	0.	0.	0.	•	•	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	•	TRACE	•	•	•	•	•	0.	0.	0.	0.	•	TRACE
_	•	0.	0.	0.	•	0.	•	0.	0.	0.	0.	0.	0.
	•	•	0.	•	•	0.	•	•	•	•	•	0	0.
	•	•	•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	.3	TRACE	c.	•	•	•	•	°.	•	•	•	•	6.
	6	1845	TRACE	000	0	4	90	Ç.	00	00	00	7076	0.
1	190	200	200		VVV	200	200		-	2000	200	400	1040
1	-00			200	2	000.	0000	000.	3	200	2		700.
TOTAL OBS.	144	100	300	180	900	720	806	775	150	173	150	175	6163

O.

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SNOWFALL

(FROM DAILY OBSERVATIONS)

CECIL FIELDS FLORIDA

93832 STATION

/BASED ON LESS THAN FULL MONTHS/

53-77

MONTHS SNUFALL DAYS SNUFALL DAYS SNUFALL DAYS DEC. NOV 50 29.0 SEP. 0 AUG. J. 0.02 C Ŋ MAY APR. MAR. = 23 NAL MONTH 23 34 YEAR 47

NAVWEASERVCOM

S. D. TOTAL OBS.

MEAN

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181221

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FROM DAILY OBSERVATIONS

SNOW DEPTH

53-77

CECIL FIELDS FLURIDA

93832 STATION

75

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0

DAILY SNOW DEPTH IN INCHES

JAN.	E	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	MONTHS
		7		0		0		0	•			
	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0		0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	•
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0	ō	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	•
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0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
ACE		0.	·.	0.	0.	0.	0.	0.	0.	0.	0.	0.
000	000.	.000	000.	0000	000.	0000	000.	000.	000.	0000	0000	000.
764	706	775	750	806	250	400	775	780	775	787	777	613

25

#### EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

53-77 47,

CECIL FIELD, FLORIDA

93832 STATION

/BASED ON LESS THAN FULL MONTHS/

ALL	AVS DOTH	O SNO DPTH	NO OPTH					Charles of the second			T
DEC.	00	30 0	00								
NOV											
OCT.											
SEP.			0 62								
AUG.	Ó										
JUL.											
JUN.	0										
MAY											
APR.	0										
MAR.	300										
FEB.											
JAN.		230									

NAVWEASERVCOM

S. D. TOTAL OBS.

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999161

23

34

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

93832 STATION

12295 (1981

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CECIL FIELD, FLURIDA

STATION NAME

JANUARY

1953 1977

YEARS

PEBRUARY

DAILY EXTREME AMOUNTS

SNOWFALL GREATEST MM T
------------------------

0

> 40	PRE	PRECIPITATION GREATEST	NO.	<i>w</i> , o	SNOWFALL	A L ES
	INCHES	MM	DATE	INCHES	MM	
1	16.0	23	9461			
2	1.63	14	1973			
3	4.56	116	1970			
4	66.0	24	1960			
5	69.0	18	1960			
9	1,14	53	1968			
7	1.57	04	1955			
8	1.02	26	1651			
6	1.53	39	1973			
10	0.76	19	1956	-	-	
=	0.82	12	1963			
12	1.89	48	1961			
13		25	1965	-	-	
14	1.53	39	1965			1
15	3.31	84	1969			
16	1.07	27	1956	•	-	
17	69.0	18	1970			
18	1.76	45	9961			
19	1.30	33	1963			
8	0.21	2	1956			
21	0.85	22	1957			
22	0.50	13	1960			
23	1.32	34	1965			
24	1.14	53	1965	•	-	
25	1.39	35	0961			100
26	99.0	17	1958			
27	2.29	58	7961			
28	. 5	39	1966			
29	0.12	3	8961			
30						
31						
Monthly	4.56	116	1970	-	-	

• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

93832 STATION

O

CECIL FIELD, FLORIDA

MARCH

STATION NAME

YEARS

DAILY EXTREME AMOUNTS

APRIL

DATE 1955 SNOWFALL Σ INCHES 1970 1953 1957 1965 1966 1959 1973 1970 1959 1960 1960 1975 1974 DATE 1960 1947 1947 1977 1947 1957 1965 1957 1973 6 1976 1973 1971 1947 39 1961 PRECIPITATION GREATEST 30 1000 478488 535 36 22 4.1 121 Z INCHES 0.89 4.77 1.03 0.55 0.91 1.64 0.89 1.70 1.19 1.76 0.54 0.52 1.04 1.42 1.21 1.55 1.40 1.84 0.25 1.98 0.93 1.07 DAY 16 10 19 21 22 23 53 12 13 15 18 2 25 56 28 30 2 9 œ 6 = 14 11 24 27 31 7 n

0

PRECIPITATION GREATEST MM DATE 27 1957 28 1959 29 1973 29 1973 20 1958 20 195	955 955 973 973 973 973 973 973 973 973 974 975 977	DATE 9057 9058

\* ALSO ON EARLIER YEARS

1955

1970

Monthly

1

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

## DIRNAVOCE ANMET - SMOS

# DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLURIDA

STATION 93832

tsu

STATION NAME

MAY

YEARS

SUN P

MONTH

DATE SNOWFALL M INCHES 198 1968 26 1959 48 1965 44 1967 45 1977 46 1967 48 1977 48 1977 99 1963 38 1976 36 1970 52 1972 53 1963 1974 40 1959 1976 1957 1977 1955 1956 1966 198 1968 DATE PRECIPITATION GREATEST 00769 M 1.49 2.03 0.89 1067 1.50 1.80 7.80 0.33 2.96 0.86 3.01 1.57 7.80 1.21 3,33 1.54 3,90 1.88 2.32 0.87 INCHES Monthly DAY 10 13 15 16 18 19 20 22 23 24 56 Ξ 12 4 17 21 25 27 28 29 30 4 വ 9 1 8 31 6

			MOM	MONTH		
	l ag	PRECIPITATION GREATEST			SNOWFALL	
DAY	INCHES	MM	DATE	INCHES	MM	DATE
-	09.0	15	1966			
2		151	1964			
3	0.87		1956			
4	0.92	23	1956			
2	2.01		1968			
9	1.11	28	1956			
1	0.45	11	1956			
8	2.14	34	1966			
6			1966			
10	1.62	•	1961			
=	0.76	1	1957			
12	3.87		1974			
13	96.0	24	1973			
14	1.20	30	1969			
15	1.95	90	1968			
16	16.1	64	1975			
17	3.28	83				
18			1969			
19	0.40	12	6961			
20	2.32		1959			
21	3.27	83	1959			
22	1.68		1976			
23	1.71	43	1976			
24	1.08	27	1970			
25	1.62	14	1968			
26	1.18	30	1966			
27	1.17	30	1975			
28	1.12	28	1947			
59	1.44	37	1972			
30	19.0	15	1973			
31		35	1962			
Monthly	5.93	151	1967			

0

0

\* ALSO ON EARLIER YEARS

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLURIDA

STATION NAME

YEARS

DAILY EXTREME AMOUNTS

AUGUST

MONTH

DATE SNOWFALL Σ INCHES DATE 1973 PRECIPITATION GREATEST 40 Σ 1.82 INCHES

DATE

Z

INCHES

DATE

Z

INCHES 1.57 2.09

DAY

1947

9

1953

1.79

1971

1962

1967 1969

1957

SNOWFALL

PRECIPITATION GREATEST

MONTH 2014

10

6

> 12 13 4 15 16

1974

1958

37 1967

1.47 0.99

1.43

1969

25

15 16

0

4

1961

1965

74 42

1.64

12 13

0

=

1960 1953

19

2.45

œ 6

1.90

3.02

9

2

n

19

2.41

10

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1961 69 1.45

> 18 19 20

17

45

1969

21 22

48 1969 161

1,88

23

1979 1

> 0.66 1.43

> > 24 25 26

57 1961

2.24

32 1953

28 29

1.25 4.40

27

45 1968

Monthly

31

30

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD \* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

20

93832 STATION

0 1911

12595-11981

3.83 Monthly

44 1968

46 1969

32 1973

2.34 1.72 1.05 99.0 2.69 23 24 56 25 27

29 30

28

1.80

22 21

32 1955

10 1966

1975

53 1964

27 1974

1962

42

1956

3.93 1.78 2.53

18 19 20

0

17

19

1

1962

D

## NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLURIDA

STATION NAME

SEPTEMBER MONTH

DATE

MM

INCHES

1977

04

1.59 49.0

Σ

INCHES

DAY

16 1977 1958

SNOWFALL

PRECIPITATION

DAILY EXTREME AMOUNTS

OCTOBER MONTH

DATE SNOWFALL M INCHES 24 1969 28 1970 21 1956 36 1975 50 1966 20 1959 33 1954 38 1968 146 1956 25 1955 45 1958 1953 1956 1953 DATE 1957 8 1956 21 1969 3 1972 15 1957 50 1955 6 1955 1954 11 1967 11 1976 33 1971 PRECIPITATION GREATEST 77 21 Σ 0.22 5.75 1,12 1.37 1.43 1,66 0.30 1.48 0.98 0.83 2.00 1.96 2,22 1,97 1,28 0.46 1.30 0.58 0.25 1.77 0.95 0.42 0.42 INCHES DAY 13 15 16 18 22 4 2 9 œ 10 = 12 14 17 19 8 21 23 24 25 92 6

149 1964

3.50

2 = 12

0

1959

1975

102

1.46

14 15 16

13

1954

37

1961

1964

1968

1.05

1965

2.95

1959

15 1956

0.58 1.38

> 18 19

0

11

15 1969 1969

0.58

2

0.79 2.41 3.36 1.14 1.59

21

22

1953

1960

48

25

26 27 28 29

24

23

1947

85 1947

1953

1965

1966

57

2.67

2.26 4.03

1961 201

149 1964

5.86

Monthly

31

30

1976

69

2.71

1959 1974 1966

1.65

3

66.0 3.87

s)

9 1 œ 6 \* ALSO ON EARLIER YEARS

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

3.40

Monthly

6 1965

0.25

1,85

3.25

0.13

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLORIDA

STATION NAME

NOVEMBER

DAILY EXTREME AMOUNTS

DECEMBER

DATE 1962 SNOWFALL Z INCHES 32 1969 19 1958 45 1953 27 1973 21 1977 28 1966 24 1972 45 1971 56 1964 25 1977 49 1965 41 1973 1977 17 1969 1973 14 1974 16 1976 34 1965 17 1953 PRECIPITATION GREATEST Σ 1.62 1.26 1.58 1.12 0.95 1,08 0.67 0.62 0.73 1.08 1,92 1.42 2.21 89.0 DAY 15 16 18 19 = 12 13 4 17 8 22 23 6 9 21 9 2 2 00

-1	SNOWFALL	HES MM DATE	-																														
MONTH	NO.	DATE INCHES		-	-	-	_	-	-	-	-	-	_	-	1969	_	_	7	-	19	19	19	19	19	19	19	19	19	-	19	-	19	
	PRECIPITATION GREATEST	MM			12	2	3	2		_	2	2	-		12	-	1		13	7	9	1 22	-	3	-		3				2	1 24	
	۵	INCHES	1.68	0.30	0.48	1.96			0.71	0.48	0.83	1.16	0.47		0.48		0.54	0.08	0.51			0.86		1.51		0.34	1.26	0.21	0.18		0.89	96.0	70 1
																												1					31

\* ALSO ON EARLIER YEARS

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

Monthly

1962

5 1965

1.05

24 25 56 27 28 59 30

49 1964

1,94 0.25 0.26

7 1975

18 1976

0.71

DIRNAVOCEANMET-SMOS

12595 (1981

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STATION 93832

NWSD, Federal Building Asheville, N. C.

#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is period. Every month of a year must have valid observations present before the ALL MONTHS value is selected compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. selected and printed. These values are then used to compute means and standard deviations for the entire for that year. Means and standard deviations are computed when four or more values are present for any ij

M-specifications, "peak gust data are recorded only at stations with continuous Instantaneous wind-speed recorders." NOTE: According to T

Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- (1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet. å

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SURFACE WINDS

53-77

CECIL FIELD, FLURIDA

93832 STATION

101

DAILY PEAK GUSTS IN KNUTS

ž	-	MAR. APR.
N	Z MSH	75
7 28V	MNN	7
36NN	28× 3	28
365	35NE 3	35
322	BANNE	SH 34KS
MNGZ	ESE 2	3585
31 NE	SSK	3355
334	SSE	328
3555	TOE S	40MS
33ENE	ENE	35E
3 8 Z 8 Z	Z	322
MIE	SE	318
BOMOE	Z	300
MSSE4 B	NON A	33 MS
338	3	N
41NNE	7	N
27NE	35	68
Z7WNW	S.W.	35
28	23 2	323
3328 5	E 26	19
1 4706 42	21 4	35
3524 6	24	1324
4705 3	19 4	3319
4 21		3
6.83110.027	4.420 6.83]	

SURFACE WINDS

53-77 

/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH! CECIL FIELD, FLORIDA

YEAR	JAN.	18	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL
47			c	c	0	•							SOLVE
53	SSE 35												MINDS
11						06 34							WINDS
15								0	0	0	C	2 %	MINDS
16	19 2223	23 3425		2512	2 3084	23 23	21 2505		52 3025 15	25 3428	28 2332	161	SONTA
	28 32		27 23			0	4 4	21 24					MINDS
						100							
- 315 C C													
MEAN													
S. D.						7							
TOTAL OBS.						1							

STATION

5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER CONDITION CECIL FIELD, FLORIDA

YEARS

73-77

NOURS (L.S.T.)

3.6	100.001						4		6.1	14.2	
6.5	3.9									1.9	1.9 1.9
4.7	7.7									1.9	
4.9	5.8								9.	9. 9.	9.
3.8	0.6									1.3	3.2 1.3
4.9	5.8									9.	3.2 .6
5.7	1.9										1.9
5.3	7.7								9.	1.3 .6	
4.6	5.8								9.	1.3 .6	
3.3	2.6										1.3
8.7	1.9						9.				
2.0	1.3										
3.0	1.9										9.
4.5	2.6									• 6	9. 9.
4.2	7.7									1.3	3.2 1.3
5.8	0.6									3.2	3.9 3.2
MEAN WIND SPEED	×	8	48 . 55	41.47	34 - 40	28 - 33	22 - 27	 17 - 21	11 - 16 17 - 21		11 50

888

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SMOS DIRNAVOCEANMET

1300

155

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

04 HOURS (1.5.T.)

YEARS

73-77

CECIL FIELD, FLORIDA

WEATHER CLASS

ALL

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

1	7 . 10	91 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55	VI 96	×	MEAN WIND SPEED
2.6										12.3	5.2
9.										5.2	4.1
6.										3.2	4.6
										1.3	4.5
										1.9	2.7
										0.	2.0
	1									5.6	4.3
				0.						3.2	0.9
9.		0.								6.5	5.2
										3.2	3.8
2.6										8.0	9.9
										5.2	3.1
1.3										8.4	3.5
										3.2	3.4
5.2										8.4	9.9
1.9										5.8	5.7
	$\triangle$	$\bigvee$	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	23.2	
		4		•						0000	1 7

BBB

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

3

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93832 STATION

0

0

0

(J)

0

0

0

5.6

MEAN WIND SPEED

17 . 21

11 . 16

7 - 10

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SPEED (KNTS) DIR.

5.6 2.6

2.6

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6.000

Z Z

•

9. 1.3

9.1

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2 2 2

0.

3.9

2.6

SSW

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6.5

155

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0

LAN

NOURS (L.S.T.)

2

SURFACE WINDS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

CECIL FIELD, FLORIDA

YEARS

COMBITION

ALL WEATHER

	_		-	_	-	_	_	_	_	_	_	_	-	-	-	$\overline{}$	-	_	_
*	10.3	6.4	2.6	9.	9.	9.5	1.9	3.9	5.2	5.8	1.9	5.8	0.6	7.7	8.4	5.8		18.7	100.0
95 Al																		$\bigvee$	
8 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
1.27																		V	

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93832

0 0 0

0

0

10

0

3

10

NNW VARBL

CALM

13.5

34.2

29.7

1.3 9.

3.2

.6

4.00

6.5 2.6

\* \* WSW

0.

.6

3

DIRNAVOCEANMET SMOS

NOURS (L.S.T.)

NAL

9008

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL MEATHER

YEARS

COMDITION

(KNTS)		•	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 46	41 - 47	48 - 55	<b>%</b>	*	MEAN WIND SPEED
z	3.9	1.9	4.5									10.3	5.1
N.	1.9	1.9	3.2	9.								7.7	6.3
w	1.3	3.9	1.3									6.9	5.1
ENE		3.0		9.								3.2	7.4
	9.	1.3	9.									2.6	4.3
ESE	9.	•		1.3								2.6	7.5
SE		9.		9.								1.3	8.0
SSE	9.	9.		9.								1.9	5.7
s	1.3	1.3	3.9	3.2	0.							10.3	9.5
SSW	9.	1.9	5.6	9.	9.							5.9	7.6
SW	1.3	9.	9.	9.								3.2	6.2
WSW	9.	1.9	1.9									4.5	6.4
*	1.3	1.3	5.5	9.								4.8	7.8
WNW	9.	3.2	2.6	1.9								9.6	7.7
N	1.3	1.3	5.6	9.								5.3	7.9
NNN	1.9	5.6	4.5									0.6	5.9
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\mathbb{X}$	7.7	
	18.1	27.7	33.5	11.6	10							100.0	6.3

0

0

0

0 0 0

3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

0

0

93832 STATION

CECIL FIELD, FLORIDA

### SURFACE WINDS

20

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER CECIL FIELD, FLURIDA

73-77

NOURS (L.S.T.)

NON

HNE 1.3 3.9 .6 .6 .6 HNE 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	SPEED (KNTS) DIR.	:-	• •	7 . 10	11 - 16	17 . 21	22 · 27	28 - 33	34 . 40	41.47	48 - 55	% AI	*	MEAN WIND SPEED
1.3 1.3 1.3 2.6 1 1.4 2.6 1.666666666 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	z	1.3	3.9		9.								6.5	5.0
1.3 .6 1.9 2.6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .	Z			1.3	1.3								2.6	10.5
1.3 .6 .6 1.36 1.36 1.36 1.36 1.36 1.36 1.36 1.36 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	¥	9.	1.9	2.6									5.0	6.2
1.3 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6	ENE	1.3	9.	9.	1.3								3.9	7.5
1.3 .6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		9.	1.3	1.9									3.9	6.3
1.3 .6 .0 .0 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	ESE			. 6									9.	10.0
1.3	38	1.3	9.			9.							2.6	6.8
1.3     2.6     3.2     1.3       1.3     1.3     1.3       3.2     1.3     3.9     .6       1.3     1.3     3.2     7.7       1.3     1.3     3.2     7.7       1.3     3.2     3.9     6.5       1.3     3.2     4.5       1.3     3.2     4.5       1.3     3.2     3.9	SSE		9.		9.								1.3	9.0
1.3 1.3 4.5 1.3 1.3 9.7 1.9 2.0 .6 1.3 3.9 .6 1.3 3.2 7.7 .6 1.3 3.2 7.7 .6 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3		1.3		5.6	3.2	1.3							8.4	11.3
1.9 2.6 .6 1.3 .6 .6 11.3 2.9 .6 11.0 11.0 11.0 11.0 11.3 1.3 2.2 7.7 .6 4.5 11.0 13.5 1 12.5 12 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.	SW	1.3			1.3	1.3							9.7	9.0
3.2 1.9 1.3 3.9 ·· 6 1.3 1.3 3.2 7.7 ·· 6 1.3 ·· 6 2.6 ·· 6 1.3 3.9 ·· 6 1.5.5 20.6 29.7 23.2 3.9	SW.	1.9											6.9	5.7
1.3 1.3 3.2 7.7 13.5 10 1.3 .6 2.6 .6 4.5 6 4.5 6 4.5 6 7.7 15.5 20.6 29.7 23.2 3.9 100.0 1	VSW	3.2	1.9	1.3	3.9	••							11.0	8.3
1.3 .6 2.6 .6 1.3 3.2 3.9 .6 1.5.5 20.6 29.7 23.2 3.9	*	1.3	1.3	3.2	7.7								13.5	10.3
1.3 3.6 2.6 4.5 6 7.7 7 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7	NN		9.	3.2									4.5	8.0
3.2 3.9 .6 7.7 7.1 7.1 7.1 15.5 20.6 29.7 23.2 3.9 100.0 7	×	1.3	9.	2.6									4.5	6.9
15.5 20.6 29.7 23.2 3.9	INW		3.2	3.9	9.								7.7	7.2
15.5 20.6 29.7 23.2 3.9	ARBL													
20.6 29.7 23.2 3.9	ALM.	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	7.1	
		15.5		29.7	23.2	3.9							100.0	7.6

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

CECIL FIELD, FLURIDA

93832

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1556

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100

30

YEARS

16 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1.3	*	7 - 10	1 . 16	17 - 21	22 - 27	28 - 33	34 . 46	41.4	48 - 55	8	×	MEAN WIND SPEED
z	9.	2.6	9.	1.3								5.5	7.9
NN		3.2	9.									3.9	5.8
¥	0.	3.2	2	1.3								10.3	7.6
ENE		1.9	1.9	1.3								5.2	8.3
•	1.3	1.3	1.9									4.5	6.1
ESE	9.		9.	9.								1.9	8.0
SE		9.										9.	4.0
SSE	9.		1.3									1.9	7.0
8		1.9	3.2	1.3								6.9	8.6
SSW	9.	2.6	3.2	1.9	9.							0.6	8.6
SW		3.8	3.2	1.3								7.7	7.9
WSW	9.	2.6	9.2	3.2								0.6	8.9
*	1.3	1.3	5.5	4.5								12.3	9.1
WNW		5.6	3.9	1.3								7.7	8.1
XX	9.	9.	3.2	9.								5.2	1.9
NNW	9.	3.2	1.9									5.8	5.6
VARBL													
CALM	$\bigvee$	3.2											
	7.7	31.0	38.7	18.7	9.							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

5702 SURFACE WINDS JAN 78

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CECIL FIELD, FLORIDA

93832

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73-77

ALL MEATHER

19 HOURS (1.5.T.)

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	1:3	• •	7 - 10	1 . 16	17 - 21	22 . 27	28 - 33	34 · 40	41.47	48 - 55	<b>%</b>	*	MEAN WIND SPEED
z	1.3	-	2.6									5.03	9.9
Z	1.9		1.9	•								7.7	5.8
Z	1.3	5.6	1.3									5.2	4.9
Z	1.3		1.3									6.9	5.5
•	9.	2.6	1.9	9.								5.8	7.0
ESE	9.	1.3	1.9									3.9	5.7
*	1.9		9.									2.6	4.0
SSE	2.6	0.										3.2	3.2
•	1.3	1.9	9.									3.9	5.3
SSW	1.9	1.3										3.2	2.8
AS	1.3	4.5	9.									6.5	4.6
WSW	2.6	3.2		9.								6.8	4.4
*	2.6	3.	1.3									7.1	4.7
WWW	1.9	3.2	1.9	9.								7.7	5.8
M	1.3	5.2										6.5	4.3
NNA		6.€	1.3	1.3								6.9	6.9
VARBL													
CALM	$\bigvee$	11.6											
	24.5	42.6	17.4	3.9								100.0	4.6

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

DIRNAVOCEANMET SMOS

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155

TOTAL NUMBER OF OBSERVATIONS

0

0

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155

TOTAL NUMBER OF OBSERVATIONS

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

22 HOURS (1.5.T.)

MONTH

200

SURFACE WINDS

ALL WEATHER

CONDITION

(KNTS) DIR.	£:-	•	7 . 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55	% AI	*	MEAN WIND SPEED
z	1.9	6.5	1.3									4.7	5.1
N N		4.5	1.9	9.								7.1	6.1
¥	1.3	1.9	1.3									4.5	4.6
F		1.9										1.9	4.3
-	6-1											1.9	2.7
ESE	9.	1.9										2.6	4.3
SE	5.6	9.	9.									3.9	3.8
SSE	6.1	1.3	9.	1.3								5.2	0.9
s	9.	9.	1.9									3.2	4.0
SSW	4.5	1.9		9.								7.1	4.0
SW	3.2	5.6										5.8	2.9
WSW	1.3	1.9	9.									3.9	4.2
*	3.9	3.5	1.3									8.4	2.4
WNW	9.	3.9	1.3									5.8	2.0
NW	1.9	1.3	2.6	9.								6.5	0.9
NNN	1.9	1.9	2.6									6.9	2.2
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	16.1	
	28.4	36.1	16.1	3.2								100.0	4.0

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DIRNAVOCEANMET SMOS

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93832 STATION

CECIL FIELD, FLORIDA

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

YEARS

ALL WEATHER

HOURS (L.S.T.)

CONDITION

5.2 5.6 5.9 5.1 5.1 6.1 6.3 6.2 6.2 5.2 6.1 MEAN WIND SPEED 4.5 6.2 9.5 6.9 3.1 4.9 14.1 100.0 \* 12 48 - 55 41 . 47 34 - 40 28 - 33 -• 22 - 27 . . . 7 -17 - 21 1.1 . 8 1.0 8.4 11 . 16 1.9 0.1 1.5 2.4 2.3 1.7 22.3 7 - 10 2.4 31.6 2.8 9. 1.5 2.0 2.1 4.6 22.7 1.0 1.0 1.0 1.5 1.9 3.4 1.5 1.3 WSW WSW NW NW VARBL CALM - 2 2 3 SSW . \*

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TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832

CECIL FIELD, FLURIDA

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DIRNAVOCEANMET SMOS

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SURFACE WINDS JAN 78 5702

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

73-77 ALL WEATHER CECIL FIELD, FLORIDA

CONDITION

NOURS (L.S.T.)

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SPEED (KNTS) DIR.	•:-	• •	7 . 10	. I.	17 - 21	2.2	28 - 33	34 - 40	41.4	48 - 55	% AI	*	MEAN WIND SPEED
z	.,	2.8	2.1	.7								4.9	5.8
ZZZ		2.8	.7							7		3.5	5.0
¥													
ENE	2.1	2.8										5.0	3.4
ESE												.,	8.0
35	.7	.7										2.1	9.3
SSE	1.4	.7	.7									2.8	4.0
•	1.4	2.8	2.1									7.1	8.9
SSW	2.8	1.4	1.4	.7								4.9	5.8
NS.	1.4	3.5	.7									5.7	4.4
WSW	1.4	3.5	1.4	.7								7.1	5.7
*	2.1	2.8	2.8	2.1								6.6	
WWW	2.8	2.1	2.1									7.1	5.1
M		1.4	1.4									3.5	
MNN	.,	2.8	2.1	.7								4.9	6.7
VARBL													
CALM	$\bigvee$	$\bigvee$	X	$\bigvee$	26.2								
	18.4	30.5	18.4	5.0	1.4							100.0	4.3

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TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

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SURFACE WINDS

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04 HOURS (L.S.T.)

FEB

YEARS

73-77

CECIL FIELD, FLURIDA

93832

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PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER	CLASS	CONDITION

MEAN WIND SPEED	5.3	3.7	5.0	1.0	0.9		3.7	9.5	7.4	4.3	7.0	4.4	5.9	7.4	9.8	6.7			4.4
×	5.7	7.8	3.5	1.4			2.1	1.4	5.7	7.1	4.3	7.8	8.5	2.5	4.9	4.9		58.5	100.0
8																		$\bigvee$	
48 - 35																		$\bigvee$	
41.47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27			9															$\bigvee$	
17 . 21																		$\bigvee$	
91 - 11								.7	1.4		.7		1.4	2.1	2.8			$\bigvee$	9.2
7 . 10	.7	.7	1.4						1.4	1.4	1.4	1.4	1.4	.7	2.8	3.5		$\bigvee$	17.0
<b>9</b> :	3.5	2.8	.7		.7		1.4	1.	2.8	3.5	.7	2.8	2.8	.7	.1	2.8		X	27.0
:	1.4	4.3	1.4	1.4			.7			2.1	1.4	3.5	2.8	2.1				X	21.3
SPEED (KNTS) DIR.	z	N. N.	ž	ENE	,	183	*	SSE	•	WS8	NS.	WSW	*	WWW	MM	MMM	VARBL	CALM	

0 0 0 DIRNAVOCEANMET SMOS

1010

TOTAL NUMBER OF OBSERVATIONS

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 NO

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832

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YEARS

ALL WEATHER

HOURS (L.S.T.) FEB.

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SPEED (KNTS) DIR.	F: -	;	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4.0	48 - 55	<b>%</b>	*	MEAN WIND SPEED
z	2.1	2.8	2.8									7.8	5.1
NX.	2.1	1.4										3.5	3.4
Z	1.4											1.4	2.0
Z			. 7									1.4	6.5
-	1.4											1.4	2,5
ESE													
SE	.7	.7										1.4	3.5
SSE		.7		1.4								2.1	12.0
•	2.1	2.1			.7							4.9	6.8
SSW		2.1	1.4	1.4								5.7	7.4
SW		2.1	.7									2.8	2
WSW	5.0		2.1									7.1	3.9
*	4.9	1.4										8.5	2.9
WWW	1.4	2.8	2.8	2.1								9.2	7.5
×	1.4	1.4	4.3									7.1	6.9
NNN	2.1	2.1	2.1	1.4								7.8	8.9
VARBL				•									
CALM	X	$\bigvee$	X	$\bigvee$	26.2								
	27.0	20.6	18.4	7.1	.7							100.0	4.2

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### SURFACE WINDS

HOURS (1.5.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER CONDITION CECIL FIELD, FLORIDA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

P 56 % WIND SPEED	11.3 8.0	7.8 6.0	4.3 6.3	3.5 7.4	2.8 10.0	2.1 3.0	.7 2.0	2.8 8.0	9.2 11.8	3.5 7.2	7.8 7.5	7.1 5.4	8.5	5.0 8.3	10.6 6.7	3.7 6.6		7.1	
48 - 55																		$\bigvee$	
34 - 40 41 - 47																		$\bigwedge$	
28 - 33									1									X	
17 . 21 22 . 27									1.4		.7	.7						X	
1 . 16	2.8				1.4			.7	2.8		1.4		1.4	1.4	1	,			
7 - 10	3.5	4.3	1.4	2.8	1.4			1.4	1.4	2.1	2.1		4.3	1.4	4.3	2.8		X	
• •	4.3	1.4	2.8	.,		. 7			2.1	1.4	1.4	1.4	2.8	2.1	3.5	2.1		$\bigvee$	
1:3	.7	2.1				1.4					2.1	4.3			2.1	.7		$\bigvee$	
SPEED (KNTS) DIR.	z	W.	¥	E E	•	ESE	*	SSE	•	SSW	SW	WSW	*	WWW	¥	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

100

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

## NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

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PERCENTAGE FREQUENCY OF WIND	DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	73-77	
PERCEN		(FROA	ELD. FLURIDA	
			101	

1880

FEB

SURFACE WINDS

### SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECH FIELD, FLORIDA

93832 STATION

NOURS (L.S.T.)

FEB

ALL MEATHER

DIR.	1.3	• •	7 . 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	8 Al	*	MEAN WIND SPEED
z			Z.R									3.5	10.8
N X			2.8	.7								3.5	3.6
w Z		2.8	1.4									4.3	6.5
E	.7	7.4	5.0									7.8	7.9
		1.4	2.1	2.1								4.0	8.9
ESE		2.1	1.4	1.4								5.0	8.4
*		2.1									71	2.1	4.7
SSE		2.1		.7								3.5	8.0
•					1.64							2.1	14.0
SSW			2.8	.7								3.5	9.6
XS.		2.8	4.3	1.4	. 7	.7						6.6	9.7
WSW	.7	2.0	5.0	2.1	2.1							12.8	10.0
*		2.8	9.5	7.1		. 3						20.6	4.4
WWW			1.4	3.5								3.7	10.3
K	2.1	.,	2.1	.7								9.9	7.0
NNN				,									
VARBL													
CALM	$\bigvee$	2.3											
	5.0	22.7	41.1	21.3	5.7	4.1						100.0	8.8

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5868

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

DIRNAVOCEANMET SMOS

0

141

TOTAL NUMBER OF OBSERVATIONS

0

SURFACE WINDS JAN 78

### SURFACE WINDS

DIRECTION AND SPEED

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CONDITION CECIL FIELD, FLURIDA

19 HOURS (L.S.T.)

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	2.8 12.0	5.0 5.9	6.4 5.2	8.5 4.8	14.9 4.5	3.5 3.4	2.1 6.0	1.4 5.0	.7 2.0	9.2 7.7	4.7	9.2 5.6	7.1 5.6	8.5 6.3	4.3 6.2	.7 6.0		5.7	100.0 5.3
% Al														_				X	
48 . 55																		$\bigvee$	
41 - 47																		X	
34 - 40																		X	
28 · 33																		X	
22 - 27																		X	
17 . 21																		X	1.
11 - 16	1.4									2.8		1.4		.7		v		X	7.1
7 - 10	.7	1.4		1.4	2.8		.7			2.1		1.4	2.1	2.8				X	17.0
• •		3.5	5.0	5.0	5.7	1.4	1.	1.4		2.8	7.1	3.5	3.5	3.5	2.1			M	46.1
÷:			. 7	2.1	4.9	2.1	.7		.7	1.4	2.1	2.8	1.4	1.4	1.4			X	23.4
SPEED (KNTS) DIR.	z	N N	z	E E		ESE	35	358	•	SSW	*S	WSW	*	WNW	¥	NNW	VARBL	CALM	

0

0

DIRNAVOCEANMET SMOS

141

TOTAL NUMBER OF OBSERVATIONS

0

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0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832 STATION

0880

0

141

TOTAL NUMBER OF OBSERVATIONS

0

5702

SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

2

SURFACE WINDS

73-77

CECTL FIELD, FLORIDA

93832 STATION

0

0

YEARS

WEATHER ALL

22 HOURS (L.S.T.)

FEB

COMDITION

WIND	5.8	4.6	3.7	4.0	2.6		9.3	5.0	5.7	6.3	4.9	4.9	5.5	5.6	7.4	4.0			4.6
*	6.4	9.2	2.1		5.7		2.1	2.8	6.4	7.1	10.6	7.8	7.1	7.8	5.0	2.8		18.4	100.0
% Al																		$\bigvee$	
48 - 55																		X	
41.47																		$\bigvee$	
34 . 46																		$\bigvee$	
28 - 33																		X	
n · n																		$\bigvee$	. 7
17 - 21																		X	۲.
11 - 16									1.		1.	1.4						X	5.0
7 . 10	1.4				.1				.7	2.1	2.3	2.1	1.4	2.8	1.4			X	15.6
*;	4.3	2.8	1.4				.7	. 7	2.1	2.8	4.9	2.1	4.3	2.8	2.8	2.8		X	37.6
:		5.7	1.		4.3		7.	1.4	•	1.4		2.1	1.4	2.1				X	22.0
SPEED (KNTS) DIR.	z	W.	¥	ENE		ESE	*	SSE		SSW	AS.	WSW	*	WWW	¥	NNW	VARBL	CALM	

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SURFACE WINDS

8000

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832

WEATHER

ALL

YEARS

HOURS (LS.T.)

FEB HONTH

CONDITION

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SPEED (KNTS) DIR.

7.2 5.9 6.3 MEAN WIND SPEED 5.9 6.5 0.4 14.2 100.0 \* 12 48 - 55 41 - 47 34 - 40 28 - 33 \* -: ---22 - 27 .2 27.4 -? . . -2.1 -17 - 21 2.01.1 1.1 11.0 1.5 11 - 16

1.0

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SSW

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2.22 2.22 2.39

2.7

WSW

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WNW 3 2 VARBL CALM

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TOTAL NUMBER OF OBSERVATIONS

24.6

29.3

18.4

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

5702

SURFACE WINDS JAN 78

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL MEATHER

YEARS

NOURS (LS.T.)

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WIND	4.7	3.8	4.7	5.7	6.7	4.7	3.9	5.0	6.2	6.1	6.7	0.9	0.9	8.7	4.7	5.7			4.0
*	4.5	3.9	1.9	3.9	1.9	1.9	5.8	4.5	8.4	7.8	7.8	8.4	3.2	1.9	1.9	3.9		27.9	100.0
95 AI																		$\bigvee$	
48 . 55																		X	
41.47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17.21									9.	9.	9.							X	1.9
11 . 16									0.					9.		9.		X	1.9
97 - 10	9.	9.	0.	1.3	9.	9.		1.9	5.6	1.3	2.6	3.2	1.3	1.3	9.			X	19.5
•	1.9	9.	9.	5.6	1.3	0.	3.9	9.	1.3	3.9	3.9	4.5	1.3			2.6		X	29.9
::	1.9	5.6	9.			9.	1.9	1.9	3.2	1.9	9.	9.	9.		1.3	9.		X	18.8
SPEED (KNTS) DIR.	z	N.	¥	Z.		ESE	*	SSE	•	SSW	NS NS	WSW	*	WWW	WW	MNN	VARBL	CALM	

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154

TOTAL NUMBER OF OBSERVATIONS

3

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832 STATION

CECIL FIELD, FLORIDA

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DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

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5702

SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

CECIL FIELD, FLURIDA

93832

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YEARS

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SURFACE WINDS

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MEAN WIND SPEED	5.2	4.3		7.7	5.6	5.7	0.9	4.2	5.5	6.3	9.6	4.6	5.3	4.2	6.7	5.5			4.0
×	7.1	1.9		1.9	3.2	1.9	3.2	5.8	7.1	7.7	5.2	5.8	8.8	3.9	5.8	2.6		31.0	100.0
<b>%</b>				~														X	
8 . 55																		X	
41 . 47																		$\bigvee$	
34 . 40																		$\bigvee$	
28 - 33																		X	
22 - 27											9.							X	9.
17 . 21																		X	
91 . 16				9.			9.			1.3	0.	9.			9.			X	4.5
17 - 10	1.9				1.3	9.		1.3	1.9	1.9	2.6		1.3	9.	1.9	9.		X	16.1
•	4.5	1.3		1.3	9.	9.	1:9	1.9	4.5	7.6	1.3	2.6	3.2	1.3	1.9	1.9		X	31.6
?:	9.	9.			1.3	0.	9.	2.6	9.	1.9		2.6	1.3	1.9	1.3			X	16.1
SPEED (KNTS) DIR.	z	N.	¥	ENE	-	ESE	25	SSE	5	ASS	*S	WSW	*	WNW	ž	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

0.40

5702 SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL WEATHER

NOURS (LS.T.)

MAR

COMBITION

6. L.	6. 1 1. 1 6. 1 6. 1 6. 1 6. 1 6. 1 6. 1	11. 16. 17. 21. 19. 19. 19. 19. 19. 19. 19. 19. 19. 1	1.3 4.6 7.	1.3 3.9	2.6 2.6	1.3 1.9	9.	1.3 .6	1.3	.6 2.6	2.6 1.9	1.3 2.6		5.6	1.9 2.6	1.3 1.3	9.	3.2			17.4 27.7
	17.21	17.21 23.20 6.00 6.00 6.00 6.00	. 10 . 11 . 16	2.6	1.3			1.3	1.3	•	2.6	3.2	7	1	9.			1.3		X	18.7 3.9
	и.и		17 . 21						0.		9.				9.		•			X	6
38 . 33 . 34 . 46	4 ± 4 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =		41.4																	$\bigvee$	
ž ż	<del></del>	4 . 4	48 · 55																4	X	
34 · 45	\$ :		8 Al																	$\bigvee$	
34.40 41.47 48.55	41 . 42 . 48 . 55	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	×	7.7	6.5	3.2	9.	3.2	3.2	4.5	7.7	7.1	3.9	7.1	8.8	2.6	1.9	4.5		30.3	0 000
34 - 40 41 - 47 48 - 55 256	41 - 47 - 48 - 55 - 12 - 56	\$ · \$	MEAN WIND SPEED	5.9	4.8	4.0	3.0	5.2	8.2	6.9	6.8	5.5	9.2	5.5	0.9	3.5	0.6	0.9			4 9

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TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93832

CECIL FIELD, FLURIDA

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DIRNAVOCEANMET SMOS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 CECIL FIELD, FLURIDA

ALL WEATHER CONDITION

NOURS (L.S.T.)

MAR

<u>-</u>	:	• •	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 . 46	41.47	48 - 55	% Al	*	MEAN WIND SPEED
	1.3	1.3	2.6									5.2	0.9
	9.	1.9	3.9	1.9								8.4	7.8
	1.9	2.0	1.9									6.5	5.1
		1.3	1.3									2.6	7.3
	0.	2.6	0.	1.9	9.							6.5	8.6
		1.3	1.9									3.2	7.6
	1.3	1.3	2.0			9.						5.8	1
	9.	9.	3.9	9.								5.8	8.0
	9.	1.3	2.6	5.5	1.3							11.0	10.7
	9.	1.9	3.9	3.9	1.3							11.6	
		1.3	1.3	1.3								3.9	9.2
	1.9	1.3	1.3	3.2	1.3		9.					9.7	11.3
	1.9	1.9	•	9.								5.2	5.8
			1.9		•	9.						3.2	13.2
	0.	9.		1.3								2.6	7.5
	9.	5.6	9.									3.9	5.2
$\triangle$	$\bigvee$	X	$\bigvee$	$\bigvee$	X	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	5.2	
	12.9	23.9	31.0	20.0	5.2	1.3	9.					100.0	8.1

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CECIL FIELD, FLURION

73-77

YEARS

NOURS (L.S.T.)

CONDITION

WEATHER CLASS

	34 - 40
	28 - 33
	22 - 27
	17.21
	11 - 16
	7 . 10
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MEAN WIND SPEED	5.8 7.1	3.9 7.5	4.5 7.1	2.6 8.3	8.4 5.9	6.5 8.3	4.5 7.0	5.2 11.9	9.0 9.2	7.7 10.5	8.4 11.3	9.0 14.0		3.9 6.8	2.6 6.8	2.6 5.3		4.5	
*	8		4	2	3	9	4	4	5		3	5	11	6,	2	2		*	
X X																		$\bigvee$	
8 . 55																		$\bigvee$	
4.4																		$\bigvee$	
34 . 45																		$\bigvee$	
28 · 33																		$\bigvee$	
22 - 22								9.		9.	9.	9.	9.					X	
17 . 21									9.	1.3	0.	5.6	1.3					X	
91 - 11	1.3	9.			9.	1.3	9.	2.6	2.6	9.	5.6	5.6	3.2					X	
7 . 10	1.3	1.3	1.9	1.9	3.2	2.6	1.9	1.3	2.6	3.2	2.6	2.6	3.2	5.6	1.3	9.		X	
;	1.3	1.3	9.2	9.	1.3	1.9	1.3		3.2	1.3	1.9	9.	1.9	9.	1.3	1.3		X	
?	1.9	9.			3.2	9.	9.	•		9.			9.	9.		9.		X	
SPEED (KNTS) DIR.	z	¥	¥	E E		ESE	*	386		SSW	*5	WSW	*	WWW	¥	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS JAN

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832 STATION

ALL WEATHER

16 HOURS (1.5.T.)

MAR

COMBITION

11.16 17.21 22.27 28.33 34.40
0.
6.1
1.3 .6
1.9
2.0
9.
1.9
9. 9.
3.9
3.9 3.9 .6
1.9 1.3 .6
1.3 .6
23.2 7.7 1.9

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DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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TOTAL NUMBER OF OBSERVATIONS

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TOTAL NUMBER OF OBSERVATIONS

#### SURFACE WINDS

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19 HOURS (1.5.T.)

MAR

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

13-77 ALL MEATHER CECIL FIELD, FLURIDA

YEARS

CONDITION

SPEED (KNTS) 1 -	:	• •	7 - 10	9	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI		MEAN WIND SPEED
z	9.	9.		9.								1.9	6.3
NN.	9.		1.3	9.								2.6	8.8
-	9.		5.6									3.2	7.2
-	1.9	5.2	2.6									7.6	5.5
	5.6	7.7	7.1	1.3								18.7	6.2
ESE	1.3	3.9	5.5									10.3	4.0
35	9.	5.0	1.9									5.5	5.9
386	9.	9.	9.		9.							2.6	0.6
		9.	0.									1.3	5.5
SSW	1.3	0.	9.	9.	9.							3.9	8.0
AS.	1.3	3.9	1.3	5.6	9.	••						10.3	9.3
WSW		5.6	3.5	1.9	9.							8.4	4.6
*	1.3	1.9	1.9	1.3								6.5	7.1
WWW		1.9	0.									2.6	0.9
WW	9.	1.9										9.2	3,3
NNN	9.											9.	3.0
VARBL													
CALM	$\bigvee$	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	4.6	
-	4.2	34.2	29.7	0.6	2.6	9.						100.0	6.3

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832 STATION

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DIRNAVOCEANMET SMOS

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155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMBITION

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13

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22 HOURS (L.S.T.)

MAR

YEARS

73-77

CECIL FIELD, FLURIDA

93832

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ALL WEATHER

7 . 10
1.9
9.
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1.3 .6
5.6
1.3
1.3 .6
1.3
1.9 2.6
1.9
2.6
9.
22.6 7.1

SURFACE WINDS JAN 78

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER CLASS

CECIL FIELD, FLORIDA

YEARS

HOURS (L.S.T.)

MAR

COMBITION

WEAN WIND SPEED	5.9	6.2	6.2	6.7	6.7	6.9	6.1	7.0	7.7	7.9	9.3	9.7	8.0	7.2	6.5	5.6			
*	5.1	4.3	3.9	4.1	7.2	9.4	5.0	4.4	7.4	6.9	7.4	8.6	4.9	3.3	3.1	5.4		8.61	000.
VI 95																		X	
48 . 55																		X	
41.4																		X	
34 - 40																		X	
28 - 33												1.						X	
22 - 27							.1	7.			. 3	.2	.2	.1				X	
17 - 21				7.	•		.1			9.	.2	1.0	4.	.2				X	
91 . 15	.3	.5	.2	.3	.7	9.	.2	9.	1.4	6.	1.9	2.0	6.	.2	.3			X	
7 . 10	1.6	1.1	1.5	1.5	2.7	1.8	1.5	1.5	2.0	2.2	2.4	2.1	1.8	1.2	1.1	9.		X	7 72
•	1.9	1.5	1.4	1.7	2.5	1.5	2.3	1.0	2.3	1.9	2.0	2.3	2.1	1.0	7:	1.5		X	97.0
:	1.3	1.2	. 8	9.	1.2	.7	1.0	1.2	1.3	1.2	9.	6.	1.0	9.	9.			X	3 7.
SPEED (KNTS) DIR.	z	NNE	2			ESE	38	SSE	8	SSW	SW	WSW	*	WWW	×	NNN	VARBL	CALM	

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS) NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

CECIL FIELD, FLURIDA

93832

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ALL MEATHER	CLASS	СОМВІТІОМ	

MEAN WIND SPEED	7.0	4.3	4.3		6.2	7.0	5.3	8.0	6.3	5.7	4.9	8.2	3.4	6.0	4.4	5.0			3.4
×	1.3	0.4	4.7		3.3	2.0	2.0	2.0	6.6	2.0	6.9	3.3	8.7	2.7	5.3	1.3		38.7	100.0
99 Al																		X	
86 - 55																		X	
4.0																		$\bigvee$	
34 . 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21																		$\bigvee$	
11 - 16									1.3									X	4.0
7 - 10	1.				1.3	1.3	1.3	1.3	2.0	1.	2.0	1.3	2.0		.7			X	14.7
• •	1.	2.7	3.3		1.3				4.7	1.	2.7	1.3	2.7	1.3	2.7	1.3		X	26.7
:		1.3	1.3						1.3	.7	4.0		3.3		2.0			X	16.0
SPEED (KNTS) DIR.	z	W.	¥	E E		ESE	25	SSE	5	SSW	SW.	WSW	*	WNW	N.	NN.	VARBL	CALM	

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DIRNAVOCEANMET SMOS

0

150

TOTAL NUMBER OF OBSERVATIONS

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04 HOURS (1.5.T.)

APR

YEARS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 CECIL FIELD, FLORIDA

CONDITION

ALL WEATHER

SPEED (KNTS) DIR.	÷.	•	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41.47	48 - 55	% AI	*	MEAN WIND SPEED
z	.7	1.3	1.3									3.3	6.4
NN	1.3	3.3										4.7	4.4
W Z	.7	2.7										3.3	4.4
ENE		.7	1.3									2.7	0.9
		2.7										2.7	5.0
ESE	4.	1.	.7			.7						2.7	10.3
35		2.0	.7									3.3	5.4
SSE		.7		.7								1.3	9.0
5		1,3	1.3									2.7	6.8
SSW	2.0		2.0	.7								5.3	5.9
SW		1.3	1.	.7								2.7	7.5
WSW	2.0	2.0	2.0	1.3								7.3	4.0
*	3.3	1.3	2.0	1.3								8.0	5.8
WWW	2.0	1.3	.7	.7								4.7	6.1
N	1.3	.7	1.3									3.3	5.2
NNN	1.3	1.3										2.7	3.5
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	39.3	
	16.7	24.0	14.0	5.3		.,						100.0	3.6

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832 STATION

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

APR	MONTH	07	HOURS (L.S.T.)	
73-77	YEARS	ALL MEATHER	CLASS	CONDITION
FIELD, FLORIDA	STATION NAME			

MEAN WIND SPEED	6.3	0.4	5.5	7.0	4.2		6.3	7.0	6.5	6.2	5.5	5.2	6.6	2.0	6.3	5.6			3.7
*	8.7	4.7	1.3	.7	0.0		4.0	2.7	2.7	0.4	5.3	8.7	6.0	1.3	5.3	3.3		35.3	100.0
<b>%</b> Al																		X	
48 · 55																		X	
41 . 47																		$\bigvee$	
34 - 40																		X	
28 - 33																		X	
22 - 27																		X	
17 . 21							4.											X	3
11 . 16								.7					.7					X	4.0
7 . 10	3.3							.7	1.3	.7		2.0	2.0		2.0	1.3		X	16.0
•	4.0	2.7	1.3		3.3		1.3			2.0		3.3	1.3		.7	1.3		X	24.0
::	1.3	5.0			2.0		1.3	1.3			2.0	2.7	5.0	1.3	2.0			$\bigvee$	20.0
(KNTS)	z	W Z	=	ENE		ESE	35	SSE	•	SSW	SW	WSW	*	WNW	NN	NNN	VARBL	CALM	

3 =

150

TOTAL NUMBER OF OBSERVATIONS

200

10 HOURS (LS.T.)

APR

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CECIL FIELD, FLURIDA

COMDITION

MEAN WIND SPEED	7.6	8.1	7.1	10.7	9.5	8.1	14.4	8.0	9.4	6.6	10.3	11.8	8.5	8.0	7.3	6.8			8.3
*	5.3	6.7	6.7	2.0	12.7	6.7	3.3	4.7	10.0	4.7	0.9	2.7	7.3	7.3	0.4	2.7		7.3	100.0
% AI											-							$\bigvee$	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27							.7					.,						$\bigvee$	1.3
17 . 21					1.3		1.00	4.	. 7		4.		2.0					$\bigvee$	8.0
11 . 16	.7	2.0	1.3		3.3	2.7		.7	3.3	1.3	2.7		.7	1.3				$\bigvee$	20.0
7 . 10	2.7	1.3	3.3	1.3	3.3	.7	.7	1.3	3.3	.,	. 7	.7	.7	3.3	2.7	.7		$\bigvee$	27.3
;	2.0	2.7	1.3		2.7	1.3		1.3	2.0	2.0	1.3	1.3	1.3	2.7	1.3	2.0		$\bigvee$	26.0
1.3		.7	.7		2.0	2.0		.7	.7				2.7					$\bigvee$	10.0
SPEED (KNTS) DIR.	z	X	¥	ER	•	ESE	35	SSE	•	SSW	AS.	WSW	*	WWW	ž	NNW	VARBL	CALM	

OE

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRNAVOCEANMET SMOS

0 0

0

0 0

0

0

0

0

0

0

150

TOTAL NUMBER OF OBSERVATIONS

16.0 32.7

1838

SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

73-77 ALL

CECIL FIELD, FLURIDA

93832

0

YEARS

WEATHER

13 HOURS (L.S.T.)

APR

CONDITION

Q

0

0

0

0

0

30

DIRNAVOCEANMET SMOS

\* =

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832

0

1538

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10

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0

0

YEARS

16 HOURS (L.S.T.)

APR

ALL MEATHER

SPEED (KNTS) DIR.	:	;	7 . 10	. : 5	17 . 21	22 - 22	28 - 33	34 . 46	41 - 47	48 - 55	95 Al	*	
z	.,	.,										1.3	2.43
NN		.,	1.3									2.0	0
¥		2.0	3.3	2.7								8.0	0
a a		2.0	3.3	2.7	2.0	.7						10.7	-
	1.3	3.	10.7	7.3	. 7							23.3	20.3
ESE			2.7	.7								4.7	-
35	.,	1.3	.7									2.7	-
388		.,	. 7									1.3	245
s				. 7								2.0	
SSW			2.0	3.3	. 7	.7						8.0	5.2
SW		1.		2.0	.7	. 7						6.7	
WSW		3.3		1.3								8.0	
*		1.3	3.3	5.3	1.3							11.3	643
WNW		1.3	3.3	. 7								5.3	40.
WN													
NNN	.7	.7	1.3									2.7	
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	2.0	4.3						
	4.7	20.0	38.7	7.92	0.9	2.0						100.0	

150

TOTAL NUMBER OF OBSERVATIONS

Ē

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS ALL WEATHER CECIL FIELD, FLURIDA

COMBITION

73-77

NOUNS (LS.T.)

APR

4.6     7.10     11.16     17.21     22.27     28.33     34.40     41.47     48.55       7     3.3     .7     .7     .7     .7       3     6.7     5.3     3.3     .7     .7       7     4.7     .7     .7     .7       7     .7     .7     .7     .7       8     2.0     1.3     .7     .7       9     2.0     3.3     2.0     .7       7     2.7     1.3     1.3     1.3       7     2.7     3.3     1.3     1.3       7     2.7     3.3     2.0     2.0       7     2.7     3.3     3.2     2.0       7     2.7     3.3     3.3     2.0	MEAN WIND SPEED	0.6 7.	1.3 8.5	5.3 5.6	12.7 8.1	19.3 7.6	10.0 6.9	4.0 6.2	1.3 5.0	1.3 18.0	5.3 7.0	9.3 7.4	8.0 6.1	6.0 7.6	8.7 5.5	3.3 5.2	.7 3.0	7.5
4.6 7.10 11.16 17.21 22.27 28.33 34.40  3.3 1.3 6.0 2.0  3.4 4.7 3.3 1.3  4.6 7 3.3 2.0  7.7 7.0 1.3 2.0  7.7 2.0 1.3 2.0  7.7 2.7 3.3 1.3  7.7 2.7 3.3 1.3																		
4.6 7.10 11.16 17.21 22.27 3.3 4.7 3.3 1.3 4.0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	34 . 46																	
7.10 11.16 7.33 8.7 3.3 1.3 7.4.7 3.3 1.3 7.2.7 3.3 1.3 7.2.7 3.3 1.3 7.2.7 3.3 1.3	-																	X
1. 4. 7 3. 3 1. 3. 3 4. 0 1. 3. 3 4. 0 2. 0 2. 0 2. 0 3. 3 2. 0 1. 3 2. 0 3. 3 4. 0 3. 3 7. 2. 7 2. 0 3. 3 7. 2. 7 2. 0 3. 3 7. 2. 7 2. 7 2. 0 3. 3 7. 2. 7 2. 7 2. 7 2. 7 2. 7 3. 3 4. 0 7. 3. 3 7. 3	-			.7	0.	.3	.3	.7		.7	.7	0.		.3				X
	-	۲.	1.3	٠.			3.3	۲.			1.3		0.4		3.3			X
- I I I I I I I I I I I I I I I I I I I	**			.7 3.3	.3 1.3	1.3 8.7		2.0	۲.		1.3 2.0	2.0 2.0	.7 3.3	.7 2.7	2.7 2.7	2.7	.7	X

E

DIRNAVOCEANMET SMOS

0

0

0

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93832

0

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0

Q

SE

HOURS (1.5.T.)

APR

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 CECIL FIELD, FLORIDA

ALL WEATHER

MEAN WIND SPEED	0 5.0	0 4.2	7 5.4	0 7.2	.3 5.2	•••	0.9	0 4.2	•	7 7.6	3 4.2	3 6.6	0 6.8	7 6.0		7 1.0		0	, ,
*	4.0	4.0	4.7	0.4	6	7.3	4.0	4.0	5.3	6.7	7.	3.3	0.9	4.7	2.7	•		22.0	000.
VI 8																		$\bigvee$	
48 - 55																		X	
41 - 47																		$\bigvee$	
34 . 45																		$\bigvee$	
28 - 33																		$\bigvee$	
22 . 27																		$\bigvee$	
17 - 21									. 7						. 7			$\bigvee$	
1 . 16				.7			1.		1.3	.7		.7	.,	.1				$\bigvee$	
7 . 10	1.3		2.0	1.3	2.0		.7	1.		3.3	1.3		2.0		.7			$\bigvee$	
:	1.3	2.7	1.3	1.3	5.3	3.3	.7	1.3			2.0		2.0	3.3	. 7			$\bigvee$	7 00
:-	1.3	1.3	1.3	r.	2.0	0.4	2.0	2.0	3.3	1.	4.0	.7	1.3	.7	.7	.7		X	
(KNTS) DIR.	z	MNE	NE	ENE		ESE	36	SSE	8	SSW	SW	WSW	*	WNW	NW	NNW	VARBL	CALM	

E  TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRNAVOCEANMET SMOS

E

MOURE (LS.T.)

APR

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

CECIL FIELD, FLURIDA

ALL WEATHER

	1	
	1	
	1	
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	1	
	1	
5		
EQ. LINE		
E COLLEGE		

MEAN WIND SPEED	3.6 6.5	4.2 5.9	5.0 6.5	5.1 9.1	6.0	5.1 7.5	3.2 6.8	2.6 6.7	4.7 8.8	5.3 8.2	6.7 7.6		8.4 8.4	9.9 6.4	3.5 5.9	.9 6.1		10.01	
*	3	4	5	5	10	2	9	2	4	5	9	5	æ	4	3	1		16	100.0
% Al																		M	
48 - 55																		$\bigvee$	
41 . 47																		$\bigvee$	
34 - 46																		X	
28 · 33												7.						X	*
22 - 27						.1			7.	• 5	7.	7.				1.		X	0
17 . 21				·	9.	.2	.2		.3	.2	.2		0.		•1			X	
91 . 16	1.	.2	6.	1.0	2.1		.2	.3	1.1	6.	1.5		1.9		.1			X	
7 . 10	1.3	1.0	1.3	2.4	3.3	1.7	. 7		1.1	1.6	1.5	2.0	2.4	1.5	1.2	5.		$\bigvee$	6 76
• •	1.5	2.1	2.1	1.	3.6	1.4	1.1		1.2	1.4	1.6	2.1	1.7	1.1	1.2	•		$\langle \rangle$	1 96
::	9.	8.	. 7	. 5	1.2	1.0	6.	٠.		1.0	1.8	6.	1.8	1.0	6.	c.		$\langle \rangle$	. 5. 2
SPEED (KNTS) DIR.	z	NNE	NE	FRE		ESE	38	SSE	s	SSW	SW	WSW	*	WNW	N.	NNN	VARBL	CALM	_

0

0

0

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0

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3

1200

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

10

1

0

0

0

1

93832 STATION

0 =

0

HOURS (L.S.T.)

MAY

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832

YEARS

ALL MEATHER

CONDITION

7 . 10

4.6

...

SPEED (KNTS) DIR.

0

MEAN WIND SPEED	4.3	2.0	3.0	4.0	3.0	3.2	8.0	5.1	5.6	5.1	5.5	5.2	5.2	0.9	5.0		2.7
*	1.9	2.6	2.6	1.3	1.3	3.9	1.9	4.5	7.1	5.8	7.1	0.6	3.9	9.	1.9	44.5	100.0
<b>%</b>																X	
48 - 55																M	
41.47																M	
34 . 46																X	
28 - 33																X	
2.2																X	
17 - 21																X	• 6
9							9.				9.					X	1.3

5.6

WSW

0

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3K

WWW

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NW NAW

CALM

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20.0

3.6

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SSW

1.3

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0

2.0

¥ = X

0

155

TOTAL NUMBER OF OBSERVATIONS

0

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

#### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

93832

YEARS

04 HOURS (L.S.T.)

CONDITION

ALL WEATHER

4.6

1.3

SPEED (KNTS) DIR.

00. 1.9

X 2 X

0

z

0

MEAN WIND SPEED	3.9	2.0	2.0	2.0	3.3	2.8	9.6	4.9	5.3	4.6	5.6	5.1	4.2	4.3	3.7		2.5
*	5.5	1.9	•	1.9	2.6	5.6	3.2	5.2	5.5	3.2	10.3	4.5	3.2	1.9	1.9	46.5	100.0
% Al																X	
48 - 55																$\bigvee$	
41.0																$\bigvee$	
34 - 46																$\bigvee$	
28 - 33																$\bigvee$	
n - n							9.									$\bigvee$	9.
17 . 21																$\bigvee$	
1 . 16											9.					$\bigvee$	9.
2							1.3		1.3		9.	1.3		0.	0	V	6.5

988

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

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0

227000

SSW SK WSW

•

\$ 6.00 E

WNW

\*

NNW VARBL

0

0

CALM

0

18.1

0

155

TOTAL NUMBER OF OBSERVATIONS

0

3

0

0

MEAN WIND SPEED

28 - 33

22 - 27

17 - 21

11 . 16

7.10

4.6

1.3

SPEED WATS

0

9.

3.9

1.9

0

1.3

0.0

0.00

#### SURFACE WINDS

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832 STATION

0

0

0

ALL WEATHER

YEARS

HOURS (L.S.T.)

MAY

.6 11.3 3.5 3.2 0.6 35.5 100.0 × 12 48 - 55 41 - 47 34 - 40

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4.0

4.0

4.

5.3

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9.

1.3

\$

• 1.3

WWW NWW

0

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VARBL CALM 22.6

31.6

1.3

2.6

3.9

WSW WSW

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0

2.0

200

ESE 25 25

0

1.9

s

0

1.9

SSW

TOTAL NUMBER OF OBSERVATIONS

0

155

2.8

3

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6.0

SMOS DIRNAVOCEANMET

3.5

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4.6

- 3

SPEED (KNTS) DIR.

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1 3 3 3 4 5

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ESE 32 32

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SURFACE WINDS

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DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

93832 STATION

0

0

0

YEARS

ALL WEATHER

NOURS (L.S.T.)

MONTH MONTH

COMBITION

MEAN WIND SPEED	5.	6.	.9	.9	*	5.	11.	7.	5.	8		8	.9	6.	7.	8		5.
*	3.2	5.2	2.6	6.9	6.5	5.5	3.2	2.6	11.0	5.8	0.6	7.1	12.3	6.9	2.6	9.	10.3	100.0
% AI																	X	
48 - 55																	$\bigvee$	
41.47																	$\bigvee$	
34 . 46																	$\bigvee$	
28 · 33																	$\bigvee$	
22 - 27																	$\bigvee$	
17 - 21								9.		9.	9.						$\bigvee$	1.9
91 - 11		0.					1.9			1.3	1.9	5.6		9.	9.		X	7.6
2.	1.3	9.	1.3	4.5	0	1.3	0.	5	3	0.	1.9	1.9	5.2	1.3	9.	9.	$\bigvee$	26.5

34.30

WSW

0

10

3K

WWW ž NNN

3.9

SSW

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0

2.6

3.9

3.9

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0

**8 =** 

155

TOTAL NUMBER OF OBSERVATIONS

29.0

VARBL CALM

0

0

0

3

13 HOURS (L.S.T.)

MAY

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL WEATHER

COMBITION

4.04 6.8 4.6 4.0 6.8 7.3 8.3 6.3 5.2 8.1 90 MEAN WIND SPEED 4.5 2.5 100.0 × 128 . 55 4 41 - 47 \$ 35 28 . 33 0 0 22 - 27 1 . 3 17 - 21 1.30 1.3 3.5 13.5 11 . 16 0.000 5. 1.9 32.3 7 - 10 0000 2.6 0 6 6 6 28.4 21.3 ... NW NAW \* \* SPEED (KNTS) DIR. WSW CALM X X X SSW SW SE SE \* Z

8110

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SMOS DIRNAVOCEANMET

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155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832

CECIL FIELD, FLORIDA

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NOURS (LS.T.)

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832

ALL WEATHER

010

DIRNAVOCEANMET SMOS

0

155

TOTAL NUMBER OF OBSERVATIONS

0

12235 82181

3

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL MEATHER

CONDITION

19 HOURS (1.5.T.)

MAY

SPEED (KNTS) DIR.	1.3	9.7	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 42	48 - 55	% AI	×	MEAN WIND SPEED
z		1.3										1.3	4.0
NN	0.	5.6		9.								3.9	5.8
ž	9.	1.3										1.9	3.7
ENE	2.6	4.5	3.9									0.11	5.8
	3.9	4.8	6.7	1.9								23.9	6.8
ESE	1.9	5.8	3.9	9.								12.3	
SE	1.9	2.6	9.									5.2	4.8
SSE		1.3	9.	9.	9.							3.2	10.2
8	1.9	1.3	9.	9.								4.5	6.1
SSW	1.9	1.9	9.	9.								2.2	5.1
SW	9.	2.6	1	1.3								6.5	7.2
WSW	2.6	1.9	90	9.								5.8	5.1
*		1.9	6.1									3.9	
WWW	1.9	1.3										3.€	3.8
×	9.		9.		9.							3.9	6.7
NNN		9.										9.	4.0
VARBL													
CALM	$\bigvee$	$\bigvee$	X	$\bigvee$	3.9								
	21.3	41.3	25.2	7.1	1.3							100.0	5.9

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SMOS DIRNAVOCEANMET

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93832 STATION

CECIL FIELD, FLURIDA

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2 SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CECIL F--ETC(U). JUN 78 AD-A060 541 UNCLASSIFIED NL 2 OF 4 060541 Ø

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CONDITION CECSL FIELD, FLORIDA

22 NOURS (L.S.T.)

MAY

MEAN WIND SPEED	0.4	3.5	2.3	6.3	3.0	5.4	3.1	3.7	4.7	4.8	7.9	7.7	5.7	3.7	5.0	6.0			3.5
*	2.6	2.6	1.9	2.6	0.6	7.7	4.5	5.8	7.1	6.€	4.6	4.5	3.9	1.9	9.	9.		25.8	100.0
95 AI																X		$\bigvee$	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
12 - 22																		$\bigvee$	
17 . 21																		$\bigvee$	
91 - 11									9.			9.						$\bigvee$	1.3
7 - 10						2.6	9.	9.	9.	1.3	7.7	2.6	1.3					$\bigvee$	17.4
4.6	1.3	1.3		2.6	3.9		2.6		2.6	1.3	1.3	1,3	9.	9.	9.	o.		$\bigvee$	27.1
1.3	1.3	1.3	1.9		5.2	1.3	6.5	2.6	3.5	1.3	9.		1.9	1.3				$\bigvee$	28.4
SPEED (KNTS) DIR.	z	W X	¥	ENE	w	ESE	35	SSE	•	SSW	SW	WSW	*	MNM	×	ANN	VARBL	CALM	

0

0

0

0

0

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141

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

20

93832

0

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0

5702 SURFACE WINDS JAN 78

SURFACE WINDS

OE

0

MAY

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

73-77

ALL WEATHER

COMBITION

MEAN WIND SPEED	4.3	4.4	4.6	6.8	6.3	5.4	5.1		5.8			6.9	6.4		5.9	4.9			4.7
*	3.6	3.1	2.4	0.9	0.6	5.7	4.4	3.9	6.9	5.1	6.9	8.1	8.0	2.8	2.1	1.5		21.2	100.0
8																		$\bigvee$	
48 - 55																		X	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27					•			1.										$\bigvee$	
17 - 21					.2			.2	.2	• 2	.1	•1			• 1			$\bigvee$	1.0
91 - 11	1.	.2		9.		.2	3.	.2	.5	9.	8.	7	9.	.3	.1			$\bigvee$	7.2
7 - 10	4.	.2	.2	2.5	2.4	1.5	9.	. 8	1.0	1.1	2.4	1.8	3.0	4.	9.	. 5		$\bigvee$	10.4
*:	1.9	1.3	1.0	1.9	3.4	2.6	1.3	1.4	7.7	1.7	2.1	3.1	2.7	1.2	80.	. 5		X	29.5
÷:	1.5	1.4	1.0	6.	2.2	1.5	2.0	1.2	2.1	1.5	1.5	1.6	1.7	6.	9.	.5		X	21.0
SPEED (KNTS) DIR.	z	Z	¥	ENE	-	353	35	SSE	•	SSW	AS	MSM	*	WNW	¥	ANN	VARBL	CALM	

0

0

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OF

TOTAL NUMBER OF OBSERVATIONS

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

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CECIL FIELD, FLURIDA

93832

DIRNAVOCEANMET SMOS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CECIL FIELD, FLORIDA

93832

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73-77 ALL

YEARS

WEATHER CLASS

NOURS (LS.T.)

CONDITION

MEAN WIND SPEED	3.9	4.7	2.5	4.8	3.3	4.3	5.8	3.2	3.3	3.5	4.0	4.5	4.7		6.5	3,5			2.7
*	6.0	4.0	1.3	2.7	2.7	2.7	2.7	6.7	10.7	8.0	3.3	8.0	4.7		1.3	2.7		32.7	100.0
35 Al																		$\bigvee$	
48 - 55																		$\bigvee$	
41.4																		$\bigvee$	
34 . 45																		$\bigvee$	
28 · 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21																		$\bigvee$	
1 . 16												.,						$\bigvee$	.7
7 - 10	.7	2.0					1.3			1.3			1.3		.7			$\bigvee$	8.0
*:	2.7			2.0	1.3	2.0	1.	2.7	4.0		2.7	3.3	1.3			1.3		X	24.7
	2.7	2.0	1.3	4.	1.3			4.0	6.7	0.9	. 7	3.3	2.0			1.3		X	34.0
SPEED (KNTS) DIR.	z	NN	7	ENE		ESE	35	SSE	s	SSW	NS.	WSW	*	WWW	N.W.	NNN	VARBL	CALM	

0 3

150

TOTAL NUMBER OF OBSERVATIONS

0

0

DIRNAVOCEANMET SMOS

DE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

CECIL FIELD, FLURIDA

93832

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YEARS

WEATHER

04 HOURS (1.8.T.)

CONDITION

SPEED (KNTS) DIR.	÷:	• •	7 . 10	1 . 16	17 . 21	22 . 27	28 . 33	34 - 45	4.0	48 - 55	% AI	×	MEAN WIND SPEED
z	3.3	1.3	2.0									6.7	4.8
NNE	0.4	1.3										5.3	2.9
NE	1.	•										1.3	2.5
ENE		1.3										2.0	3.7
3	۲.											1.3	4.5
ESE												.7	2.0
*	2.7											4.0	3.2
SSE	2.7	1.										4.7	3.7
s	3.3	0.4										7.3	3.6
SSW	3.3											3.3	2.4
SW	2.7	1.3										4.0	3.7
WSW	4.7	4.0	2.0									10.7	4.0
*	5.3	3.3										6.6	3.5
WWW		•	. 7									1.3	5,5
NW	2.0											2.0	2.3
NNW		.,	. 1									1.3	5.5
VARBL													
CALM	$\bigvee$	X	X	X	$\bigvee$	34.7							
	36.7	21.3	7.3									100.0	2.4

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0

150

TOTAL NUMBER OF OBSERVATIONS

0

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832

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07 HOURS (L.S.T.)

NON

COMDITION

ALL WEATHER

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SPEED (KNTS) DIR.	:	:	7 . 10	11 . 16	17 . 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	85 Al	*	MEAN WIND SPEED
z	0.4	4	2.7									11.3	4.
N N	3.3	2		.7								0.9	*
z	1.3	2.0	.7									0.4	•
EX												4.	3.(
		*										1.3	2.
ESE												4.	<b>*</b>
35												1.3	6.0
SSE	1.3	3.3										5.3	*
s	1.3	2										4.7	*
SSW		6.9										6.7	4.
SW	3.3	1										4.4	2.
WSW	0.9	3	2.0									11.3	*
*	0.4	9	1.									11.3	3.
WNW	2.7	2.0										4.7	3.6
NW	1.3		. 7									2.0	4.
NNW	2.0											2.0	2.
VARBL													
CALM	$\bigvee$	X	$\bigvee$	22.0									
	33.3	35,3	8.0	1.3								100.0	3,

DIRNAVOCEANMET SMOS

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150

TOTAL NUMBER OF OBSERVATIONS

0

0

0

MEAN WIND SPEED

7.9 V.9

3.7

#### SURFACE WINDS

200

DIRECTION AND SPEED

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

CECIL FIELD, FLURIDA

93832 STATION

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73-77

YEARS

NOURS (L.S.T.)

NOT

COMBITION

ALL WEATHER

	-	_	6	-	0	0	~	0	-	~	-	2	-	-	-	1		1	L
*	2.	8.0	7.3	4.7	0.4	2.0	2.7	2.	6.7	6.7	6.7	4.7	21.3	0.9	1.	•		12.7	
18																		$\bigvee$	
48 - 55																		X	
41 - 47																		X	
34 - 40																		$\bigvee$	
28 . 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21																		$\bigvee$	
1 . 16		2.0					.7		1.3			1.	1.3					X	
7 - 10	1.3	1.3	2.0		1.3	2.0			1.3		1.3		7.3	1.3	. 7	.7		X	
:		2.7	2.0	2.7			1.3		2.7	4.7	0.4	2.0	6.3	3.3	1.			X	
::	1.3	2.0	3.3	1.3	1.3		.7	1.3	1.3	1.3	1.3	1.3	3.3	1.3				X	
SPEED (KNTS) DIR.	z	Z	¥			ESE	*	388	•	SSW	*S	WSW	*	WWW	¥	NNW	VARBL	CALM	

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8.0

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150

TOTAL NUMBER OF OBSERVATIONS

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRNAVOCEANMET SMOS

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13 HOURS (LS.T.)

NO NEW

YEARS

73-77

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CONDITION

ALL MEATHER

SPEED (KNTS) DIR.	1.3	9.7	7 - 10	11 - 16	17 - 21	22 - 22	28 - 33	34 - 40	41.4	48 - 55	% A	×	MEAN WIND SPEED
z			2.0	7.								0.4	7.7
NN.	3.3	1.3		. 7								0.9	4.6
¥		2.0	2.0	2.0								6.7	8.0
ENE		3.3	3.3	2.7								9.3	8.4
•		2.7	2.0	2.0								6.7	8.2
ESE	1.3	1.3	2.0									5.3	
25												1.3	
SSE	.,	2.0	2.0									4.7	
s	2.7	1.3	1.3									5.3	
SSW	.,	1.3	1.3	2.0								5.3	8.5
AS.			2.0									3.3	7.2
WSW	1.3	0.4	4.7									11.3	6.9
*	3.3	3.3	5.3									13.3	7.2
WNW		2.0	4.7									7.3	6.7
¥												1.3	6.0
NNN	1.3		. 7									2.7	3.5
VARBL													
CALM	$\bigvee$	6.9											
	18.0	28.0	34.7	12.0	1.3							100.0	6.5

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93832

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SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL WEATHER

NOURS (L.S.T.)

NON HON

COMBITION

SPEED (KNTS) DIR.

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MEAN WIND SPEED	9.	10.	8	7.	7.	6.	8	9.	7.	. 9	7.	7.	7.	7.	6.	7.		
*	1.3	5.3	7.3	10.0	18.7	0.9	0.9	2.0	8.0	0.9	8.0	4.7	7.3	2.7		5.3		4001
<b>%</b>																	X	
8 . 55																	X	
41.4																	$\bigvee$	
3 . 4																	$\bigvee$	
28 · 33																	$\bigvee$	
22 - 27																	$\bigvee$	
17 . 21					1.3												$\bigvee$	1.3
1.16	. 7	2.7	1.3	2.7	3.3		1.3	.7	2.0	1.	1.3	1.	2.0	.7		. 7	$\bigvee$	7.00
7 . 10		2.0	4.7	3.3	7.3	3.3	2.7		2.7	1.3	2.7	2.0	1.3	1.3		2.0	X	37.3
;	4.			4.0	2.7	1.3	2.0	4.	2.7	3.3	3.3	1.3	3.3	.7	1.	2.0	X	99.3
?		. 7			0.4	1.3					. 1		. 7			. 7	V	10.7

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832

CECIL FIELD, FLURIOA

0

VARBL

CALM

Q.

0

NN NN

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SSW

WSW WSW \*

0

- 3 3 5 -

0

150

TOTAL NUMBER OF OBSERVATIONS

01

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93432

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WEATHER

NOURS (L.S.T.) NONTH NON

COMBITION

NNE 1.3 2.0 .7 3.3 6.8  NRE 3.3 3.3 2.7 5.0  ENE 3.3 3.3 2.7 6.0  ENE 3.3 3.3 2.7 5.0  ENE 3.3 5.3 5.3 5.3 5.0  ENE 3.3 5.3 5.3 5.3 5.3  ENE 3.3 5.3 5.3 5.3  ENE 5.3 5.3 5.3  ENE 5.3 5.3 5.3 5.3  ENE 5.3 5.3 5.3 5.3  ENE 5.3 5.3	SPEED (KNTS) DIR.	F: -	9.7	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41.47	48 . 55	95 AI	×	MEAN WIND SPEED
1.3 2.0 .7 5.3 2.7 5.0 1.3 2.7 7.3 3.3 2.7 5.0 1.3 2.7 7.3 9.3 2.7 7.3 9.3 2.7 7.3 9.3 2.7 7.3 10.7 7.3 10.7 7.3 10.7 7.3 10.7 7.3 1.3 2.7 2.0 1.3 7.7 7.3 1.3 2.7 2.0 1.3 7.7 7.3 1.3 2.0 2.0 1.3 7.7 7.3 1.3 2.0 2.0 2.0 1.3 7.7 7.3 1.3 2.0 2.0 2.0 2.0 2.0 1.3 7.0 0.0 10.0 0.0 10.0 0.0 10.0 0.0 10.0 0.0	z												1.3	
1.3 .7 3.37 3.3 2.7 3.3 3.3 2.7 7.8 9.3 2.0 7.8 1.37 7.2 1.3 1.37 2.0 2.0 1.37 2.0 2.0 1.37 7.3 1.37 7.4 4.0 28.7 8.0 1.3	NN.		1.3										3.3	
3.3 2.7 .7 7.3 9.3 2.0 .7 8.0 1.3 .7 .7 2.7 1.3 1.3 .7 .7 1.3 5.3 1.3 .7 .7 2.0 2.0 2.0 1.3 .7 .7 1.3 1.3 .7 .7 .7 1.3 1.3 .7 .7 .7 1.5 44.0 28.7 8.0 1.3	N.	1.3	•	3.3									0.9	6.7
1.3 5.0 1.3 .7 .7 3.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	E E	3.3	3										12.7	9.9
1.3 5.3 1.3 .7 .7 .7 .9.3 .7 .7 .7 .7 .7 .7 .7 .9.3 .7 .7 .7 .7 .9.3 .7 .7 .7 .7 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9			7.3		2.0								19,3	
1.3 5.3 44.0 28.7 8.0 1.3  1.4 2.7 1.3  2.0 4.0 1.3  2.0 4.0 1.3  2.0 2.0 2.0  2.0 2.0 2.0  3.3  3.3  3.3  3.3  3.3  3.3  3.3	ESE			1.3									10.7	5.5
1.3 5.3 1.3 .7 .7 .7 9.3 1.3 2.0 4.0 1.3 .7 .7 7.3 9.3 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	SE	.,		1.3									4.7	5.4
1.3 5.3 1.3 .7 .7 .7 .9.3 .7 .7.	SSE		1.3										3.3	
2.0 4.0 1.3 2.0 2.0 1.3 2.0 2.0 2.0 1.3 1.3 .7 .7 2.0 1.3 1.3 .7 .7 2.0 1.3 44.0 28.7 8.0 1.3	s	1.3	5.			.7							9.3	
1.3 2.7 2.0 .7 6.7 2.0 2.0 1.3 2.0 2.0  1.3 1.3 .7 .7 .7 .77 1.3 1.3	SSW	2.0	*										7.3	4.7
2.0 2.0 1.3 2.0 2.0 1.3 1.3 .7 .7 .7 1.3 1.3 .7 .7 .70	SW	1.3	2.										6.7	5.9
1.3 1.3 .7 .7 .7 4.0 1.3 1.3 1.00.0	WSW	2.0	2.	1.3									5.3	4.6
15.3 44.0 28.7 8.0 1.3	*												2.0	
15.3 44.0 28.7 8.0 1.3 44.0 0	WWW													
15.3 44.0 28.7 8.0 1.3	XX	1.3	1.3	•		.7							4.0	
15.3 44.0 28.7 8.0 1.3	NNN		1.3										1.3	
15.3 44.0 28.7 8.0 1.3	VARBL													
44.0 28.7 8.0 1.3	CALM	$\bigvee$	2.7											
		15.3	**			1.3							100.0	

SMOS DIRNAVOCEANMET

= 0

TOTAL NUMBER OF OBSERVATIONS

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS) 73-77 ALL MEATHER CECIL FIELD, FLORIDA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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TOTAL NUMBER OF OBSERVATIONS

STATION

DIRNAVOCEANMET SMOS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS ALL MEATHER CECIL FIELD, FLURIDA

73-77

HOURS (L.S.T.)

CONDITION

MEAN WIND SPEED	5.3	5.6	6.3	6.5	6.7	5.4	5.5	4.4	5.0	4.9	5.4	5.1	5.7	5.7	5.2	5.1			4.7
*	4.8	5.2	4.4	5.8	7.7	4.6	3.4	4.7	7.6	6.2	2.0	7.7	4.6	2.7	2.1	2.2		16.0	100.0
<b>3</b> 5																		X	
8 . 55																		X	
41 . 47																		X	
34 - 46																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21					. 2				.1			. 1	• 1		• 1			X	•
11 . 16	.3	.7	.5	1.0	1.1	.2	.2	. 1	0.	6.	.3	.3	9.	.1		. 1		X	9.9
7 . 10	1.2	1.2	1.6	1.3	2.5	1.1	1.0	9.	1.0	6.	1.1	1.9	2.3	1.0	4.	. 1		X	20.0
• •	1.1	1.3	1.1			2.2	1.1	1.9	3.2	2.9	2.1	2.7	4.0	1:1		8.		M	31.4
.: ::	1.6	2.0	1.2	1.1	1.8	1.0	1.1	1.8	2.7	2.1	1.5	2.7	2.7	5.	5.	. 7		$\bigvee$	25.5
SPEED (KNTS) DIR.	z	N N	Z.	ENE	3	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	N.	NNN	VARBL	CALM	

0

0

0

0

0

1200

TOTAL NUMBER OF OBSERVATIONS

0

3

DIRNAVOCEANMET SMOS

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS JAN 78

4 W W W Y

4.4

MEAN WIND SPEED

12

48 - 55

100

3.2

3.5

4.0

1.9

38.1

100.0

988

0 3

SURFACE WINDS

1

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CECIL FIELD, FLORIDA

73-77

YEARS

WEATHER CLASS

ALL

NOURS (L.S.T.)

CONDITION

	41 . 47			
	34 - 40			
	28 - 33	T		
	22 - 27			
1	17 . 21			

11 . 16

7 - 10

4.6

1.3

0

3.2

9.4

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1.3

3.9

..

4.5

3.2

WSW WSW

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1.9

WWW

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VARBL CALM

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BER
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TOTAL
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155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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0

93832 STATION

0

25.8

SURFACE WINDS JAN 78

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

93832 STATION

YEARS

ALL WEATHER

HOURS (L.S.T.) T NOW

CONDITION

SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN
DIR.													SPEED
z	1.3	3.2										5.4	4.0
N.	3.2	1.9										5.2	3.3
w z	0.	9.										1.3	3.0
ENE	5.											9.	1.0
-	1.3	•										1.9	3.7
ESE	5.	•										1.3	2.5
35	1.3	1.3										2.6	3.8
SSE	\$.	7										1.9	4.3
•	7.1	2.										4.6	2.7
SSW		•										9.	4.0
SW	1.3	3										4.5	3.7
WSW	5.8	5	9.									12.3	3.8
*	3.2	-										5.2	3.6
WWW	1.3	•										1.9	
××	9.	•										1.3	
NNW													
VARBL													
CALM	$\bigvee$	X	X	$\bigvee$	45.2								
	29.0	24.	1.3									100.0	1,9

100

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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155

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER CLASS CECIL FIELD, FLORIDA

93832 STATION

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NOURS (L.S.T.)

CONDITION

WEAN WIND SPEED	4.6	3.4	2.7	3.0	2.0	2.0	4.7	4.3	2.6	2.7	4.0	4.1	3.3	2.0	5.0	4.3			2.5
×	7.1	5.8	1.9	1.9	9.	1.3	1.9	1.9	4.4	1.9	7.7	9.4	11.0	1.9	3.2	1.9		31.6	100.0
8 Al																		X	
48 . 55																		X	
41.47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		X	
17 . 21																		$\bigvee$	
91 . 11																		X	
7 . 10							9.		0.		1.3	9.	9.					X	3.9
9:+	5.2	3.2	9.	1.3			9.	1.3	1.9		1.9	3.9	4.5		5.6	1.3		X	28.4
::	1.9	2.6	1.3	9.	9.	1.3	9.	9.	7.1	1.9	4.5	3.9	8.8	1.9	9.	9.		X	36.1
SPEED (KNTS) DIR.	z	NNE	NE NE	ENE		ESE	SE	SSE	8	SSW	SW	WSW	*	WNW	NW	NNW	VARBL	CALM	

10 HOURS (1.5.T.)

5702 SURFACE WINDS JAN 78

#### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

YEARS

ALL WEATHER

CONDITION

	7 . 10	4.6 7.10
		2.6
9	9.	1.9
9.	2.6	•
9.	1.9	•
•	1.9	6.1 9.
9.	1.3 .6	•
20	1.3	1.3
5	1.9	1.9
3.0	1.3	
3	1.3	3.2 1.3
6	1.9	1.9 1.9
8	2	
9.	6.9	. 5
9.	9.	9.
0	9.	1.9
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3.9	70.7	

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DIRNAVOCEANMET SMOS

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TOTAL NUMBER OF OBSERVATIONS

3

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832

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#### SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

YEARS

ALL MEATHER

13 HOURS (L.S.T.)

CONDITION

MEAN WIND SPEED	3.5	7.4	7.8	7.0	6.3	6.8	60		*	7.3	6.8	•	8.1	2.5	3.0	~			6.1
×	2.6	3.2	7.7	6.5	0.6	5.2	3.2	3.9	6.5	10.3	6.9	0.6	11.6	1.3	1.3	2.6		9.7	100.0
<b>%</b>																		$\bigvee$	
48 - 55																		$\bigvee$	
41 . 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
$n \cdot n$																		$\bigvee$	
17 - 21					1.3													$\bigvee$	1.3
11 . 16		9.	1.9	1.3	0.	1.3	1.3		0.	9.		9.	5.6					X	12.3
7 - 10		1.3	3.9	2.6	3.2	9.		1.3	1.3	5.8	1.9	1.9	4.5					X	28.4
• •	1.9	1.3	1.3	9.	2.6	5.6	1.3	1.3	2.6	1.9	3.2	4.5	3.9		9.	2.6		X	32.3
::	9.		9.	1.9	1.3	0.	9.	1.3	1.9	1.9	9.	1.9	0.	1.3	9.			X	16.1
NTS)	z	Z.	¥	E E		ESE	35	356	9	SSW	*S	AS/	*	*	*	N	1881	ALM	

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93832 STATION

DIRNAVOCEANMET SMOS

0

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER CONDITION

16 HOURS (1.5.T.)

YEARS

73-77

CECIL FIELD, FLURIDA

93832

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MEAN WIND SPEED	6 12.0	.9 5.8	8 7.6	9 9.2	7.9	1 7.5	2 6.0	8 5.9	7 7.8	6.5	8 7.9	4 8.4	5 5.1	2 7.6	2 6.8	3 7.0		83	
*	•	3.	5.8	12.9	4.4	7.1	3.2	5.8	7.7	11.0	5.8	8.4	4.5	3.2	3.2	1.3		5.8	
% AI																	+	$\bigvee$	
48 - 55																		$\bigvee$	
41.4																		$\bigvee$	
34 - 40																		$\bigvee$	
28 · 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21				• 6	9.													$\bigvee$	
11 - 16	9.		9.	3.2	1.9	1.3	9.	9.	5.6	9.		1.3		9.		9.		X	
7 - 10		1.3	5.6	6.9	3.2	3.2	9.	0.	1.3	4.5	3.9	5.8	1.3	1.3	1.3			X	
;		1.9	1.9	1.9	1.3	5.6	1.3	6.7	5.0	3.9	1.9	•	1.9	1.3	1.3			X	
::		6.	9.	9.	5.6		6.	2.0	1.3	1.9		0.	1.3		e.	9.		X	
SPEED (KNTS) DIR.	z	W X	¥	Z		ESE	SE	SSE	•	SSW	AS.	WSW	*	WWW	ž	NN.	VARBL	CALM	

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DIRNAVOCEANMET SMOS

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155

TOTAL NUMBER OF OBSERVATIONS

NO

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

OE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS) 73-77 CECIL FIELD, FLORIDA

ALL MEATHER CONDITION

19 HOURS (L.S.T.)

SPEED (KNTS) DIR.	:	• •	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 . 47	48 . 55	% Al	*	MEAN WIND SPEED
z	9.	9.										1.3	3.5
NNE	9.		9.									1.3	4.5
Z.	1.3	3.9	9.									5.8	4.8
ENE		1.3	5.2									6.5	8.0
	1.9	4.5	5.8	0.								12.9	
ESE	3.2	3.9	2.6	1.9								11.6	
SE		3,2	1.3	9.								5.2	4.0
386	1.9	3.9	1									7.7	5.1
s	3.2	3.2	3.2									4.6	5.3
SSW	5.8	4.5	1.3	9.								12.3	4.4
SW	1.9	1.9	1.9									5.8	
WSW	1.9	3.9	2.6									9 . 8	5.5
*	9.	1.9		9.		9.						3.9	0.6
WWW		1.9	9.									2.6	5.3
NW	9.											9.	2.0
NNW			9.									9.	8.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.9	
	1	1	1	1	7	1	1	1	1	1	7		

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1326

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93832

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SOMS DIRNAVOCEANMET

TOTAL NUMBER OF OBSERVATIONS

0

0

100.0

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4.5

MEAN WIND SPEED

28 . 33

. 27 22

5

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11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

Z

z

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### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLURIDA

93832

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1550

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WEATHER

ALL

YEARS

COMPITION

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22 NOURS (L.S.T.)

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6.1 6.5 10.0 5.0 1.6 7.1 1.9 1.96 . 18.1 \* 128 48 - 55 . 47 7 34 - 40

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SSW

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38 88 ESE

1.3

3.5.4

9 8 8 9 8

1.9

2.6

WSW WSW

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WNW

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VARBL CALM

MAR

3.4

5.0

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155

TOTAL NUMBER OF OBSERVATIONS

100.0

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 CECIL FIELD, FLURIDA

93832

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ALL WEATHER

SPEED (KNTS) DIR.	1.3	:	7 . 10	9 16	17 - 21	22 . 22	28 - 33	34 . 46	41.47	48 - 55	<b>%</b> Al	*	MEAN WIND SPEED
z	1.0	2.2		1.								3.3	4.3
N.	1.2	1.6		1.								3.4	4.5
¥	6.	1.4	1.3	4.								0.4	6.2
ENE	8.	1.6	2.2	9.	1.							E • 5	7.0
-	1.9	1.9		4.	.2							6.2	6.1
ESE	1.5	1.4	1.2	9.								4.7	5.9
38	0.	1.0	9.	4.								2.6	6.2
SSE	1.4	2.1	6.	7.								4.4	5.0
s	5.3	3.1	1.2	9.								10.2	4.1
SSW	2.5	2.3	1.6	.2								9.9	5.1
SW	1.9	2.5	1.8	.2								6.4	5.4
WSW	3.1	3.6	2.5	.2								6.5	5.3
*	2.7	2.3	1.9	.5		.1						7.4	5.4
WWW	1.0	1.0	.3	.2								2.5	4.6
WW	5.	1.0	.3									1.8	5.0
MNN	<b>g</b> •	9.	.2	.1								1.4	4.9
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	20.3	
	26.9	4.62	18.3	4.7	£•	• 1						100.0	4.2

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DIRNAVOCEANMET SMOS

E

1240

TOTAL NUMBER OF OBSERVATIONS

0

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MEAN WIND SPEED

12

17 . 21

11 . 16

7 - 10

4.6

SPEED (KNTS) DIR.

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3.5

3.5

4.5

3.9

37.4

100.0

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

ALL WEATHER

HOURS (L.S.T.)

COMBITION

48 - 55				
4.4				
34 - 40				
28 - 33				
2.2				

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

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NW NW NAW

CALM

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SW WSW

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93832

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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04 HOURS (1.5.T.)

AUG

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

93832 STATION

WEATHER CLASS CONDITION

SPEED 1 - 3 DIR.	9.7	7 . 10	1 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	8	*	MEAN WIND SPEED
z	2.6 5.2	0.									8.4	4.5
_											6.9	3.2
		1.3									2.6	4.8
ENE											1.3	3.5
	9.										2.6	3.3
ESE		9.									9.	8.0
38	1.3										1.3	2.0
SSE	9.										2.6	3.3
	3.9 1.9										5.8	2.8
SSW	5.2										2.2	2.3
	6.1	9.									2.6	3.3
MSM	1.3										1.3	4.5
*	1.3										1.3	2.0
WWW	1.3										1.3	1.5
	9.										9.	4.0
NNN	6.1										5.6	3.5
VARBL												
CALM	$\langle \rangle$	X	X	$\bigvee$	53.5							
		3										

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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155

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CECIL FIELD, FLURIDA

73-77

07 HOURS (1.5.T.)

AUG

YEARS

MEATHER CLASS

ALL

CONDITION

MEAN WIND SPEED	4.4	3.2	2.3	2.3	6.3	3.5	2.7	3.0	3.4	3.0	3.8	2.4	3.3	3.3	3.7	5.0			
*	0.6	8.4	4.5	1.9	2.6	3.9	1.9	1.3	5.5	4.5	3.9	3.2	2.6	1.9	1.9	4.5		38.7	000
85 VI																		X	
48 - 55																		X	
4 . 4																		$\bigvee$	
34 - 46																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21					9.													X	Y
11 . 16																9.		X	7
7 . 10	1.9	9.				9.					9.		9.					X	3 4
:	3.2	1.9		0.		9.	9.	9.	1.9	1.3	1.3	9.		9.	1.3	5.6		X	17 6
	3.0	5.8	4.5	1.3	5.7	5.6	1.3	0.	3.8	3.2	1.9	5.6	1.9	1.3	0.	1.3		X	3.0
SPEED (KNTS) DIR.	z	N N	a z	Z	-	ESE	35	SSE	9	SSW	NS.	WSW	*	WWW	¥	NNW	VARBL	CALM	

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TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93832 STATION

MEAN WIND SPEED

28 . 33

. 27 22

17 - 21

11 - 16

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

Z

SURFACE WINDS

218

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

ALL MEATHER

73-77

CECIL FIELD, FLURIDA

NOURS (L.S.T.)

AUG

7.1 1.9 5.7 12.9 4.5 100.0 12 48 - 55 41 . 47 34 - 40

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DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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WSW

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MEAN WIND SPEED

NUMBER

6.0

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SURFACE WINDS JAN

3.8 7.1 7.8

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

YEARS

ALL WEATHER

SURFACE WINDS

NOURS (L.S.T.)

COMPITION

..

SPEED (KNTS) DIR.

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Z Z

*	2.6	7.1	7.7	0.3	4.6	7.1	3.2	4.5	5	3.2	5.2	2.6	4.5	5.6	1.9	2.6	6.4	100.0
																		1,6
<b>%</b>																	X	
48 - 55																	X	
41 - 47																	X	
34 - 40																	$\bigvee$	
28 - 33																	X	
22 - 27																	X	
17 . 21																	X	
11 - 16		9.	1.3	5.6	2.6	9.	9.			0.		9.				9.	X	10.3
7 . 10		1.9	5.6	3.2	4.4	1.9		1.9	2.6	9.	1.9	1.3	2.0	1.3	1.3	9.	X	33.5
•	1.9	1.9	3.5	3.9	5.8	4.5		1.9	6.7	1.9	3.5	9.	1.9	1.3		9.	V	10.9

WSW WSW

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SSW

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SSE SSE •

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NN VARBL CALM TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

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93832

CECIL FIELD, FLORIDA

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

93832

ALL WEATHER

YEARS

HOURS (L.S.T.)

AUG

COMBITION

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN 78

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL WEATHER

19

AUG

CONDITION

MEAN WIND SPEED	7.0	5.6	5.1	5.4	5.8	5.9	5.3	7.0	9.9	3.0	4.4	4.8	8.5	6.5	7.3	6.7			3.4
*	3.9	5.2	5.2	12.9	22.6	12.3	2.6	1.9	6.5	2.6	4.5	5.5	1.3	1.3	6.1	3.9		6.5	100.0
% AI																		$\bigvee$	
48 - 55																		X	
41 - 47																		X	
34 - 40																		X	
28 - 33																		X	
n . n																		X	
17 - 21																		X	
11 - 16	9.				9.	9.			9.				9.		9.	9.		X	4.5
7 - 10	1.9	1.3	1.3	3.2	7.1	1.9	0.	1.3	2.6			1.3		9.		1.3		X	24.5
*	9.	3.2	3.2	7.1	12.3	4.00	1.3	0.	1.3	9.	3.9	1.9	3.		9.	1.3		X	47.1
1:3	9.	5.	0.	5.6	5.6	1.3	c.		1.9	1.9	9.	1.9		0.	9.	•		X	17.4
SPEED (KNTS) DIR.	z	N N	¥	ERE		ESE	35	SSE	•	SSW	SW	WSW	>	WWW	×	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

155

0

8

DIRNAVOCEANMET SMOS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832 STATION

CECIL FIELD, FLURIDA

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110

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

=

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

=

AUG

SURFACE WINDS

73-77 ALL MEATHER

CECIL PIELD, FLORIDA

93832

YEARS

CONDITION

SPEED (KNTS) DIR.	?	:	7 . 10	ş	17 - 21	n · n	28 - 33	34 . 40	41.4	48 - 55	<b>%</b>	*	MEAN WIND SPEED
z	1.9	3.2	0.									5.8	4.6
N N	4.5	4.5										0.6	
¥	1.9	9.	9.									3.2	4.6
ENE	3.9	2.6	9.									7.1	3.5
•	6.5	1.3	9.									8.4	3.(
ESE	5.8	3.2	9.									6.4	3.
25	3.2	3.2										6.5	3.
388	4.5	9.	9.									5.8	3.(
•	5.2	2.6										7.7	3.0
SSW	3.2	9.										3.9	2.3
SW	3.9											3.9	2.
wsw		9.										9.	6.0
*	9.											9.	3.(
WWW	1.3	9.										1.9	2.
×	9.				9.							1.3	11.
NNW	9.											9.	2.0
VARBL													
CALM	$\bigvee$	53.9											
	47.7	23.9	3.0		9.							100.0	2.7









0

0

0

0

0

0

30

MEAN WIND SPEED

2

33

8

. 27 22

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

NN

z

1)

2 2

1

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:

1.0

1.7

00040

SSW

\*

1

SK

WSW WWW

C.

NNW VARBL

2

CALM

25 22 25 25 25 25

10

5.8 6.3

4.9.4

#### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

CECIL FIELD, FLORIDA

YEARS

ALL WEATHER

NOURS (L.S.T.)

AUG

CONDITION

23.1 \* 12 . 55 4 . 47 7 \$

-

4 W 4 4 W

4.8

TOTAL NUMBER OF OBSERVATIONS

1240

100.0

4.8

18.3

27.5

26.0

10

SMOS DIRNAVOCEANMET

18150 24351

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS

73-77

CECIL FIELD, FLORIDA

ALL WEATHER

NOURS (LS.T.)

SEP

COMDITION

SPEED (KNTS) DIR.	1.3	9.7	7 - 10	91 - 11	17 - 21	22 - 23	28 - 33	3. 5	41 - 47	48 - 55	8	×	MEAN WIND SPEED
z	0.4	4.7	2.7									11.3	4.8
N X	7.3	2.0	. 7									10.0	2.9
¥	2.7	2.7	. 7									0.9	3.6
ENE	.7	1.3										2.0	6.3
		1.3										2.0	3.0
ESE	2.0	1.	.7									3.3	3.6
35		1.3	. 7									2.7	4.8
SSE	3.3	2.0										5.3	3.1
•	2.7	2.0										4.7	3.4
SSW	2.7	1.3										0.4	2.8
SW	2.7	1.3										0.4	3.3
WSW	1.3	1.3										2.7	3.3
*	2.0	1.3	1.									0.4	4.7
WWW												4.	3.0
NN	2.7											3.3	2.6
NNW	2.0	2.0	.7	. 7								5.3	5.4
VARBL													
CALM	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	X	X	$\bigvee$	28.7	
	38.0	26.0	6.7	7.								100.0	2.

1

0

111

0

0

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

0

0

93832 STATION

-

NOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL MEATHER CECIL FIELD, FLURIUA

CONDITION

:	• • •	7 . 10	11 . 16	17 . 21	22 - 22	28 - 33	34 - 40	41.4	48 . 55	% AI	*	MEAN WIND SPEED
2.7	6.3	2.0	4.								14.7	5.2
0.4	2.0										0.9	2.7
	1.3	1.3									3.3	5.8
.3	-										2.0	3,3
2.7	1.	1.									4.0	3.7
											4.	2.0
	4.										4.	5.0
1.	2.0										2.7	4.0
0.4	1.3										5.3	2.9
2.0											2.0	1.7
2.7	1.3										0.4	3.0
1.3	2.0										3.3	3.8
.3											2.0	3.0
1.3	1.										2.0	2.7
1.3	2.7										0.4	3.8
2.7	2.0	2.7									7.3	5.3
X	X	X	X	$\bigvee$	$\mathbb{X}$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	36.0	
20.3	27.3	4.7	-								0 001	2.4

DIRNAVOCEANMET SMOS

150

TOTAL NUMBER OF OBSERVATIONS

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

93832 STATION

SURFACE WINDS JAN 78

3

0

150

TOTAL NUMBER OF OBSERVATIONS

0

SURFACE WINDS

=

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

93832

YEARS

ALL MEATHER

HOURS (L.S.T.)

COMBITION

1.3

SPEED (KNTS) DIR.

0

z z z z

MEAN WIND SPEED	5.5	3.1	5.2	4.0	3.7	5.0	4.3	2.8	4.0	3.0	2.6	2.7	2.4	2.0	3.7	4.8		2.6
*	18.7	10.7	3.3	1.3	2.0		2.0	2.7	1.3	2.0	3.3	2.0	5.3	1.3	2.0	0.9	35.3	100.0
8																	X	
48 - 55																	X	
4.4																	$\bigvee$	
34 - 40																	$\setminus$	
28 - 33																	$\bigvee$	
22 - 22																	$\setminus$	
17 - 21																	X	
11 . 16	1.3															.7	X	2.0
7 . 10	0.4	.7	1.3														X	7.3
:	10.0	2.7	•		1.3	۲.		1.3	1.3	. 7		1.			1.3	2.0	X	24.0

SSW

•

0

WSW WSW

0

\*

2 2 2

0

WWW NW

0

0

0

VARBL CALM

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

11.3

7.6

MEAN WIND SPEED

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128

#### SURFACE WINDS

BUU B

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 ALL MEATHER

YEARS

CONDITION

NOURS (L.S.T.)

SEP

22

- 2 1

11 - 16

7 - 10

4.6

-3

SPEED (KNTS)

Z

Z Z

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3.3

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2.0

2.0

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NNW CALM

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- mm - 00

21.61.22.22.22

25 SE SE

0

2.0

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0

SW WSW

2.0

2007

TOTAL NUMBER OF OBSERVATIONS

1011

150

5.5

100.0

26.7

34.7

20.0

10.

4.3 4.0

DIRNAVOCEANMET SMOS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0:

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93832

CECIL FIELD, FLORIDA

210

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER

CECIL FIELD, FLURIDA

73-77

YEARS

13 HOURS (1.5.T.)

SEP

COMBITION

ENTS)	1.3	9.7	7 . 10	9: .1	17 . 21	$n \cdot n$	28 · 33	34 . 45	41 . 47	48 · 55	% Al	×	MEAN WIND SPEED
z		1.3	2.0	2.0								0.9	
N.	2.0		2.7	1.3								9.0	
¥			2.7	2.0								8.0	
E S	1.3	2.0	5.3	3.3								12.0	
-		5.3	4.0	1.3	1.							11.3	
ESE		0.4	1.3									5.3	
3	1.3											1.3	
356		2.0	2.0									4.7	
s	1.3	.3	1.3	1.3								0.9	
SSW		1.3	.7	. 7								2.7	
NS.		6.1		.7								2.7	
WSW	2.7	1.5	2.7									8.0	
*		2.0	2.0									4.7	
WNW		1.3	. 7									2.7	
WN			1.3	.7								4.7	
MMM	2.0	€ €		.7								0.9	
VARBL													
CALM	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	0.9	
	15.3	34.7	28.7	14.0	. 7	4.						100.0	

8688

0

150

TOTAL NUMBER OF OBSERVATIONS

0

30

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SEP

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

16 HOURS (L.S.T.) YEARS (FROM HOURLY OBSERVATIONS) 73-77 ALL WEATHER CONDITION CECIL FIELD, FLURIDA

93832 STATION

0

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8

0

WEAN WIND SPEED	9.6	6.6	6.3	8.4	10.1	6.8	5.0	4.8	11.7	5.3	7.0	7.6	5.5	9.6	5.4	12.0			7.6
*	4.7	6.7	10.	14.7	19.3	0	2.1	3.3	2.0	0.4	3.3	0.	5.3	3.3	3.3	•		2.1	100.0
<b>%</b>																		$\bigvee$	
48 - 55																		$\bigvee$	
41.4																		$\bigvee$	
4																		$\bigvee$	
28 - 33																		$\bigvee$	
22 . 27																		$\bigvee$	
17 . 21					1.33													X	1.3
1 . 16	2.0	3.3	1.3	3.3	6.7				1.3	1.		2.7	1.					X	24.0
7 . 10	2.0	2.7	3.3	7.3	6.7	3.3					2.0		1.3					X	33.3
•	1.		2.0	3.3	2.7	2.1	5.0	5.0		2.7	1.3	2.7	1.3	2.0				X	26.0
:		1.	0.4	1.				1.				1.3	2.0		1.3			X	12.7
SPEED (KNTS) DIR.	z	W X	w x	ENE		ESE	35	SSE		SSW	NS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

150

TOTAL NUMBER OF OBSERVATIONS

#### WINDS SURFACE

8881

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

YEARS 73-77

CECIL FIELD, FLURICA

93832

CONDITION

SPEED (KNTS) DIR.

Z Z Z

0

- 3 3 3

0

NOURS (L.S.T.)

3.6 8.3 0 2 2 2 2 0 0 0.9 4.0 4.3 6.7 4.3 0.0 MEAN WIND SPEED 100.0 6.7 % A1 48 . 55 . 47 = 34 - 40 . 33 78 . 27 22 17 - 21 11 - 16 2.7 1.3 20.0 2.0 7 - 10 2.33 2.000 1.3 30.0 20.0 2.7 2.7 1.3

> SSW WSW WSW

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5616

SMOS DIRNAVOCEANMET

1880

150

TOTAL NUMBER OF OBSERVATIONS

VARBL

CALM

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0

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WNW ¥ NN

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0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

YEARS

22 HOURS (L.S.T.)

SEP

CONDITION

MEAN WIND SPEED	5.5	3.5	5.0	3.2	4.2	2.9	6.3	3.8	3.9	3.3	3.8	3.3	3.8	5.5		5.5			
×	14.0	7.3	5.3	7.3	0.9	4.7	4.0	0.4	9.3	0.9	3.3	2.7	4.0	1.3		2.7		18.0	
98																		X	
48 - 55																		X	
41.4																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 . 27																		X	
17 - 21																		X	
91 - 11			. 7															X	
7 . 10	3.3		1.	1.3	1.3		1.3			1.			.7			1.3		X	
• ;	0.8	4.0	2.0	1.	2.7	1.3		5.0	4.7		2.0			7.3		1.		X	
::	2.0	3.3	2.0	5.3	2.0	3.3	2.0	2.0	0.4	0.4	1.3	2.0	3.3			.,		X	
SPEED (KNTS) DIR.	z	Z	ž	Z.		ESE	3	SSE		SSW	*S	WSW	*	WWW	W	NNW	VARBL	. CALM	

150

TOTAL NUMBER OF OBSERVATIONS

8

DIRNAVOCEANMET SMOS

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93832

CECIL FIELD, FLORIDA

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL WEATHER

HOURS (L.S.T.)

SEP

COMBITION

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1200

TOTAL NUMBER OF OBSERVATIONS

0

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832

CECIL FIELD, FLURIDA

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DIRNAVOCEANMET SMOS

6.9

25.8

MEAN WIND SPEED

12

. 55 #

. 47 7

34 - 40

2.0

1.9

1.3.6

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0 1 0 1 1 0 1 0 1 0

0

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

YEARS

ALL MEATHER

HOURS (L.S.T.)

CONDITION

	1	1
28 - 33		
22 . 22		
17 . 21		
11 - 16		
9		

1.16	1.3 .0
	0.

1.3

Z Z Z

z

-

SPEED (KNTS) DIR.

	0.	9.	0.	9.	0.	1.3	9.	0.	5.2	5.6	
0.				0.		9.	1.3			1.3	
	•									9.	X
-	-	-	-	-	-		-	-	-		-

3.2 3.2

WNW

\*

WSW

3

VARBL

CALM

0

0

0

0

¥ × ×

1	VV	
1	X	
1		9.
0.		3.2
		1.

25.8

25.8

TOTAL NUMBER OF OBSERVATIONS

155

3.8

100.0

26.5

SMOS DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 0 0

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93832 STATION

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25 22 28 SS 25 28

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SSW

5702 SURFACE WINDS JAN 78

SURFACE WINDS

2=

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CECIL FIELD, FLURIDA

93832

73-77

YEARS

ALL MEATHER

04 HOURS (1.5.T.)

CONDITION

1.9 11.0 9.7 1.9 1.9 1.3 1.9 1.3 2.6 1.3 2.6 1.3 2.6 1.3 3.9 4.5 1.9	SPEED (KNTS) DIR.	1.3	• ;	7 . 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	% AI	*	MEAN WIND SPEED
1.9 1.9 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	z	5.2	11.0	9.7									29.0	6.5
1.3 6.5 1.3 6.5 1.3 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3	Z	1.9	1.9	1.3									5.8	5.4
6.5 6.5 6.5 6.5 6.5 1.3 2.6 1.3 2.6 1.3 2.6 1.3 3.9 4.5 1.9 3.9 4.5 1.9	w Z	1.3											1.3	2.0
6.5 1.9 1.3 1.3 1.3 6.5 1.9 6.5 1.0 6.	ENE													
1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3														
1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	ESE	9.											9.	1.0
1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	35													
6.5 6.5 6.5 6.5 1.3 3.9 4.5 1.9 3.9 4.5 1.9	SSE		1.3										2.6	6.3
1.3 6.5 6.5 1.3 2.6 1.9 3.9 4.5 1.9 3.9 4.5 1.9	•	9.											1.3	3.0
1.3 6.5 4.5 1.9 3.9 4.5 1.9 3.9 4.5 1.9	SSW	9.											9.	2.0
1.3 6.5 4.5 1.9 2.6 1.3 3.9 4.5 1.9	SW	9.											9.	3.0
9.5 1.9 .6 1.3 2.6 1.3 3.9 4.5 1.9	WSW	1.3											1.3	1.5
3.9 4.5 1.9 1.9 3.6 1.3 2.6 1.3 3.9 4.5 1.9	*	6.9											7.1	2.6
3.9 4.5 1.9 3.8 4.5 1.9	WNW	4.5	1.9										7.1	3.6
3.9 4.5 1.9	¥	1.3	2.6	1									5.2	4.9
28.4 24.5 16.1	NNN	3.9		1									12.3	8.6
28.4 24.5 16.1	VARBL													
1.6.1	CALM	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	25.2	
7		28.4	24.5	16.1	5.8								100.0	3,9

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

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0

0

0

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

## SURFACE WINDS

NOURS (L.S.T.)

YEARS

ALL WEATHER

CONDITION

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 CECIL FIELD, FLURIDA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

MEAN WIND SPEED	7.6	8.7	6.9	0.9	5.8	8.4	6.0	8.4	7.5	0.9	8.5	5.0	9.9	7.4	5.6	4.8			7.4
×	18.7	26.5	5.8	4.5	3.9	3.2	1.9	3.2	2.6	2.6	1.3	3.9	4.5	3.2	3.2	6.5		4.5	100.0
% Al																		X	
48 - 55																		X	
41.4																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 . 27																		X	
17 . 21	1.9	1.3																X	3.2
51 · II	5.8	4.5				1.3		0.	9.				9.					X	13.5
7 . 10	5.8	14.2	3.9	1.3	1.3	1.3	9.	1.9	3.	1.3	1.3	9.	9.	1.9	•	1.9		$\langle \rangle$	39.4
• ;	3.2	5.8	1.3	5.6	1.9		1.3	9.	•			5.6	2.6	1.3	1.9	3.2		X	29.0
:	1.9	9.	9.	9.	9.	¢.			9.	1.3		9.	9.		•	1.3		$\langle \rangle$	10.3
SPEED (KNTS) DIR.	z	N.	¥	ENE		ESE	35	356	•	SSW	S.	WSW	*	WWW	¥	NNN	VARBL	CALM	

0

0

0

0

0

3

Z

93832 STATION

DIRNAVOCEANMET SMOS

3

155

TOTAL NUMBER OF OBSERVATIONS

0

13 NOURS (L.S.T.)

SURFACE WINDS

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CECIL FIELD, FLURIDA

CONDITION

WIND	.7 11.8	10.4	12.3 9.8	12.9 7.8	1.0 6.2	2.6 9.0	.3 4.0	3.2 5.4	2.6 7.0	6.	1.3 4.0	1.3 11.9	9.0	3.9 7.8	5.2 6.9			1.3	
*	4	18.	12	12	11	2	1	3	2	-	-	-	6	3	3	3		-	
X Al																		X	
48 - 55																		X	
41 . 47																		X	
34 . 46																		$\bigvee$	
28 - 33																		X	
22 - 27		9.																X	
17 - 21	9.	1.9																X	
11 . 16	3.9	4.5	5.5	1.9		•				•		9.	1.3	1.3	9.			X	
7 - 10	1.3	6.9	5.5	7.1	4.5	1.3		9.	1.3	1.3		9.	3.2	1.3	1.9	9.		X	
• •	1.9	3.9	1.9	3.5	4.5		9.	1.9	1.3		9.		3.2		1.9	3.9		X	-
::		9.		•	1.9	9.	9.	9.			٠.		1.3	1.3	9.			$\langle \rangle$	
SPEED (KNTS) DIR.	z	NNE	N.	ENE		ESE	SE	SSE	S	SSW	SW	WSW	*	WWW	N	NNW	VARBL	CALM	

2

DIRNAVOCEANMET SMOS

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0 0

0 0 0

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30

9.7

0.6

MEAN WIND SPEED

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12

48 - 55

. 47 7

34 - 40

28 - 33

22 . 27

17 - 21

11 . 16

7 - 10

SPEED (KNTS) DIR.

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2.2.4

9.0

4.50

NN ZZ

z

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5.6

2.6

3.5 0

9.0

18.7

7.6

18.1

#### SURFACE WINDS

200

DIRECTION AND SPEED

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

73-77

YEARS

WEATHER

CONDITION

NOVES (L.S.T.)

•

3 .6 0

1.3

W 20 0

0.00

2.0 1.9

3.2

1.9

NAW

CALM

9446

5.4.6

5.2

7.3

2.0.7

9

100.0

7.2

6.

1.3

3.9

TOTAL NUMBER OF OBSERVATIONS

1179

155

1

2.6

19.4

41.9

28.4

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1150

0

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0

93832

CECIL FIELD, FLORIDA

0

SSW WSW WSW

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55 SE SSE

0

00 0

WWW

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0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS) NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS 73-77 ALL WEATHER CECIL FIELD, FLORIDA

HOURS (L.S.T.)

MEAN WIND SPEED	8.2	4.9	4.9	4.5	4.3	4.4	2.7	4.0	5.5	0.9	0.6	2.7	-	3.7	4.0	7.0			5.0
*	13.5	19.4	12.9	4.6	11.6	4.3	1.9	9.	1.3	1.9	9.	1.9		5.8	3.9	1.9		8.4	100.0
<b>3</b> 8 Al																		X	
48 - 55																		$\bigvee$	
41 . 47																		$\bigvee$	
34 . 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21	9.																	$\bigvee$	9.
11 . 16	1.9	1.9														9.		X	4.5
7 - 10	7.1	3.2	2.6	6.1	1.3				9.					0.				X	18.7
:	1.9	13.5	5.8	3.9	7.1	3.2		0.	9.	0.		9.		1.3	2.6			X	43.2
:: ::	5.1	0.	4.5	3.9	3.2	1.3	6.			0		1.3		3.9	1.3			X	24.5
SPEED (KNTS) DIR.	z	ZZ.	w Z	ENE	-	ESE	*	325		MSS	3	WSW	*	WWW	**	N.Y.	VARBL	CALM	

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

28 . 33

22 - 27

17 - 21

11 - 16

7 - 10

1.3

SPEED (KNTS) DIR.

0.6

2.5

2000

Z Z Z

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5702 SURFACE WINDS JAN 78

9.4

1.5

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 ALL WEATHER

YEARS

CONDITION

NOURS (L.S.T.)

DCT WONTH

2.6 2.9 20000 25.8 23.2 × 71 48 - 55 41 - 47 34 - 40

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1.3

- 2 2 2 2 ~

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4.4

4.0

1.9

3.8

7.0

3.3

TOTAL NUMBER OF OBSERVATIONS

0

8

0

133

3.9

100.0

9

14.8

32.9

26.5

0

0

3

6

1.9

VARBL

CALM

0

¥ ×

0

1.3

2.6

1.3

WSW WWW W

0

3

SSW

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93832

CECIL FIELD, FLORIDA

0

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CECIL FIELD, FLURIDA

COMBITION

HOURS (L.S.T.)

CCT

0 4 4 4 5 7.7 5.0 MEAN WIND SPEED 1.5 2 2.4 13.8 0 8 1 2 8 8 14.2 100.0 19.7 \* 12 48 - 55 41 - 47 34 - 40 28 . 33 -22 - 27 50-1.3 17 - 21 9.5 3.1 . 2 11 . 16 2.08 2.0 20000000 1.4 25.2 7 - 10 2.1 22222 30.3 4.6 19.4 1.5 1.1 1.3 WNW N N CALM Z SSW WSW WSW VARBL ¥ EN ESE SSE \* . s

1098

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1240

TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS ALL MEATHER CONDITION CECIL FIELD, FLURIDA

73-77

HOURS CLET.

VON

WIND WIND SPEED	5.9	3.7	4.3		5.0		2.0	0.0	3.6	4.4	2.0		4.0	5.8	6.8	6.6			
*	17.3	8.0	0.4		1.3		4.	2.7	6.7	3.3	2.7		6.7	0.8	2.7	3.3		1.26	0000
<b>3</b> 5 Al																		$\bigvee$	
8 . 8																		X	
41.47																		X	
34 . 46																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	
91 . 11														1.3		.7		X	
7 . 10	7.3	1.3	.7		. 7			1.3	4.	.7			1.3	2.0	1.3			X	
:	7.3	2.0	1.3					1.3	2.7	1.3			2.0	1.3	1.3	2.7		X	
::	2.7	4.7	2.0						3.3	1.3	2.7		3.3	3.3				$\bigvee$	. 70
SPEED (KNTS) DIR.	z	Z	¥	ENE		155	35	358	s	SSW	SW	WSW	*	WWW	NW	NNN	VARBL	CALM	

818

150

TOTAL NUMBER OF OBSERVATIONS

0

DIRNAVOCEANMET SMOS

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93832

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2 8 8 2 8 8 3.5

SURFACE WINDS JAN 5702

7.3

2.5

1.3

2000

W 0 0 W 0

0

150

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

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SURFACE WINDS

73-77

CECIL FIELD, FLORIDA

YEARS

ALL WEATHER

04 NOURE (L.E.T.)

NOW WONTH

COMDITION

34 - 40

28 . 33

22 - 27

17 . 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

5.

4.7

4.0 2.0

3.3

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**w** 

MEAN WIND SPEED

\*

2.0 6.0

34.00

1.30

WNW N X

\*

VARBL

CALM

0.4

WSW WSW

0

5.0

2.0

SSW

s

12.7

30.7

0

5.1 6.1

0.0

31.3

100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

SURFACE WINDS JAN 78

2

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

93832

0

YEARS

07 HOURS (1.5.T.)

VON

ALL MEATHER

CONDITION

..

SPEED (KNTS) DIR.

Z Z

22 25 SSE •

MEAN WIND SPEED	5.9	4.0	2.7	2.0	4.0	4.0	3.0	2.0	5.8	3.0	7.0	2.2	2.8	6.7	6.3	4.0		3.5
*	26.7	8.7	2.0	1.3					6.7	2.0	.7	3.3	3.3	4.7	5.3	4.0	28.7	100.0
<b>%</b>																	X	
48 . 55																	X	
41.4																	X	
3 . 4																	X	
28 . 33																	X	
22 - 27																	X	
17 . 21																	$\mathbb{X}$	
3 16	1.3								.7					.7			X	3.3
7 . 10	9.3	.7							2.7		. 7			2.0	. 1	1.3	X	17.3
;	7.3	3.3	. 1		1.				1.3	1.		. 1	1.3	1.3	3.3		M	21.3

2.7

WSW X

SSW

NW NNW VARBL

CALM

0

WWW

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

3

0

DIRNAVOCEANMET SMOS

SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CECIL FIELD, FLORIDA

CONDITION

NOURS (L.S.T.)

VON THE

MEAN WIND SPEED	8.0	6.9	5.8	5.6	5.7	7.0	4.8	5.8	7.7	6.3	5.3	9.8	4.2	7.4	7.0	6.9			6.3
*	14.7	12.0	6.0	0.9	6.7		2.7	3.3	7.3	0.4	2.0	3.3	6.3	3.3	0.9	7.3		4.7	100.0
<b>%</b>																		X	
48 - 55																		X	
41.47																		$\bigvee$	
34 . 45																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21	1.		. 7															X	-
91 - 11	2.7			.7				1.3	2.0					1.	1.3			X	10.7
7 . 10	0.0	0.9	2.0	. 7	2.0	. 7			2.7	2.7	1.3	2.0	1.3	1.3	2.0	2.0		X	32.7
:	3.3	3.3	5.3	3.3	3.3		2.0		1.				2.7			2.7		X	78.7
:	2.0	2.0	1.3	1.3	1.3		1.	2.0	2.0	۲.	.7		2.7	۲.	2.0	2.0		X	22.0
SPEED (KNTS) DIR.	z	ZZ.	¥	Z		ESE	35	SSE	•	SSW	×S.	WSW	*	WNW	ž	NNA	VARBL	CALM	

OF

150

TOTAL NUMBER OF OBSERVATIONS

0

0

0

3

DIRNAVOCEANMET SMOS

0

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0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NG

MEAN WIND SPEED

SURFACE WINDS JAN

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

13 HOURS (L.S.T.)

VON

ALL MEATHER

CONDITION

	0.	7.3	6.7	6.7	1	3.3	3.3	6.7	7.3	4.7	1.3	0.9	6.3	7.3	4.7	0.4		2.7	0
*	8	4	9	9	10.7	3.	6	9	7.	4	1,	9	6	7,	4	4		2	100.0
1 36																		$\bigvee$	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 · 33																		$\bigvee$	
22 - 27										. 7								$\bigvee$	.7
17 . 21																		$\bigvee$	2.0
11 - 16	1.	2.7	1.3	2.0	3.3			2.0	.7	2.0		2.0	2.7	2.0	1.3			X	22.7
7 . 10	2.7	1.3	2.0	0.4	2.0	2.7	. 7	2.0	2.0	1.		2.0	4.7	2.7		2.7		X	27.3 32.0
;	2.7	1,3	2.7		2.7		1.3	1.3	4.7	1.3	1,3	2.0	4.	2.0	2.0	1.		X	27.3
::	1.3	2.0			2.0	.7	1.3	1.3					1.3	.,	1.3	.7		X	12.7
SPEED (KNTS) DIR.	z	NNE	an a	ER	•	ESE	35	SSE	s	SSW	NS.	WSW	*	WNW	WW	NNW	VARBL	CALM	

0

0

0

0 0

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1800

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832

CECIL FIELD, FLORIDA

0

150

TOTAL NUMBER OF OBSERVATIONS

0

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0

SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

ALL WEATHER

16 HOURS (1.5.T.)

VON .

YEARS

COMDITION

MEAN WIND SPEED	7.0	6.6	0.0	7.5	8.8	6.2	5.0	1.0	7.2	7.2	6.9	7.3	5.6	9.8	7.0	5.6			7.2
*	5.3	6.6	6.3	7.3	11.3	6.3	1.3	. 7	4.0	8.0	3.3	6.7	6.7	7.3	1.3	0.9		2.7	100.0
% AI																		X	
48 . 55																		X	
4 . 4																		X	
34 . 46																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	2.7
. : 8		2.7	1.3	.7	2.0				.7	1.	1.	1.3		2.0				X	12.7
7 - 10	3.3	3.3	0.4	2.7	0.9	3.3	. 7		2.0	3.3	۲.	1.3	1.3	4.7	. 7	2.0		X	30.3
:	1.3	2.7	2.7	5.0	201	0.4				3.3	1.3	3.3	1.3		. 7	2.0		X	28.7
::			1.3	1.3		1.3		. 7		۲.			3.3			2.0			16.0
SPEED (KNTS) DIR.	z	Z Z	¥	Z.		ESE	25	SSE	•	SSW	š	WSW	*	WNW	¥	NNW	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1556

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5702 SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL MEATHER

CECIL FIELD, FLORIDA

YEARS

1.9 HOURS (L.S.T.)

NON

CONDITION

SPEED (KNTS) DIR.	:	• •	7 . 10	1 . 16	17 . 21	22 . 27	28 - 33	34 · 40	41 . 47	48 - 55	% AI	*	WIND WIND SPEED
z	.,	2.0	1.3	.7								4.7	6.0
NNE N	7.	4.7	4.7									10.0	6.2
¥	2.7	4.7	.7	.7								8.7	4.7
ENE	3.3	1.3	1.3									6.0	4.1
	3.3	12.0	1.3									16.7	4.3
ESE	2.7	1.3	3.3	۲.								8.0	5.3
SE	2.0		. 7									3.3	3.6
SSE	7.	.7										1.3	4.0
\$		1.3	.7									2.0	7.0
SSW	1.3											2.0	3.0
SW	1.3		.7									2.7	4.0
WSW	2.7	2.0	4.									5.3	4.4
*	2.0	.7	1.3									4.0	5.2
WWW	7.	2.0	1.3									4.0	0.9
×	1.	1.3										2.0	4.0
NNN	1.3	2.7	1.3	.7								0.9	0.0
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	$\bigvee$	13.3							
	26.0	38.7	19.3	2.7								100.0	4.3

3608

TO S

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832 BRATION

DIRNAVOCEANMET SMOS

150

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS) NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS 73-77 ALL WEATHER CONDITION CECIL FIELD, FLURIDA

22 HOURS (1.5.T.)

NON .

	91 - 11		11 01 . 7 9 . 4
		3.3	3
		1.3	2.7 1.3
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		<b>F.</b>	2.7
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		۲.	7. 7.4
		۲۰ ۲۰	1.3 .7 .7
		2.0	2
		3.3	
$\bigvee$	$\triangle$	$\langle \rangle$	
	_	15.3 2.0	

DIRNAVOCEANMET SMOS

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150

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS JAN 78

WINDS SURFACE 200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

YEARS

ALL WEATHER

CONDITION

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SPEED (KNTS) DIR.

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0

MOURS (L.S.T.)

NON

5.1 0.9 5.0 5.6 5.3 6.4 6.1 4.5 MEAN WIND SPEED 13.2 13.2 1.7 1.7 1.7 1.7 1.7 1.7 126037 17.9 100.0 \* 12 48 - 55 41 - 47 34 - 40 28 - 33 : 22 - 27 1.4 • . 2 - 2 17 - 21 7.2 1.0 - 2. w 11 . 16 23.2 2.3 1.2 1.5 0. 1.1 1.4 7 - 10 9.000 0000 1.00 28.4 2.7 4.6

1.5

WSW WSW

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NA WA

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VARBL CALM

28.00

1200

TOTAL NUMBER OF OBSERVATIONS

22.4

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SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832 STATION

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155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

E

SURFACE WINDS

73-77 ALL MEATHER

01 NOURS (1.5.T.)

DEC

MEAN WIND SPEED	4.8	3.8		2.0	4.8		6.5	3.0	5.3	5.8	4.5	0.9	5.4	4.0	5.2	5.3			
*	11.6	8.4		1.3	2.6		1.3	1.3	1.1	5.2	5.2	4.5	11.0	7.1	7.1	3.9		9.22	0 000
95 1																		X	
48 . 55																		X	
4 - 4																		$\bigvee$	
34 - 40																		X	
28 - 33																		X	
22 - 27																		X	
17 . 21												4.	9.					X	1
91 - 11	9.									9.	9.		ç.					X	* "
7 . 10	2.6	0.					0.		1.9	1.3	1.3	9.	1.3	1.3	1.9	1.3		X	0 7.
•	3.2	3.5			1.9		9.	•	3.5	9.		1.3	3.9	3.5	3.2	1.9		X	
1.3	5.5	4.5		1.3	•			9.	1.9	5.6	3.8	1.9	4.5	5.6	1.9	•		X	7
SPEED (KNTS) DIR.	z	N N	¥	E E		ESE	35	SSE	•	ASS	SW	WSW	*	WWW	X	NNW	VARBL	CALM	

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93832 STATION

CECIL FIELD, FLORIDA

# NO 0 0 0 0 0 0 0 N - 1 0 0 0 N - 1

5702 SURFACE WINDS JAN 78

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155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 CECIL FIELD, FLURIDA

ALL MEATHER

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		HOURS (L.
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ONDITION	
CONDITION	
CONDITION	
CONDITION	
COMBITION	
CONDITION	
COMDITION	
CONDITION	

3.9 5.8 2.6 1.3 1.9 1.0 1.9 1.9 1.3 1.9 1.9 1.3 1.9 1.9 1.3 1.9 1.9 1.3 1.9 1.9 1.3 1.9 1.9 1.3 1.9 1.9 1.3	34 - 40 41 - 47 48 - 55 256	*	MEAN WIND SPEED
1.9 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6		12.3	,
1.9 1.3 1.9 1.3 1.9 1.3 3.2 1.3 .6 1 3.2 1.3 .6 1		4.5	3.
1.9 1.3 1.9 1.3 1.9 1.3 3.2 1.3 .6 1 3.2 1.3 .6 1		9.	2.
1.9 1.3 1.9 1.3 1.9 1.3 3.2 1.3 .6 1 3.2 1.3 .6 1		9.	3.
1.9 1.3 1.9 1.3 1.9 1.3 3.2 1.3 .6 1 3.2 1.3 .6 1		1.3	3.
1.9 1.3 1.9 1.3 1.9 1.3 3.2 1.3 .6 1 3.2 1.3 .6 1		9.	7.
1.9 1.3 1.9 .6 1.9 .6 1.9 .6 1.9 1.3 .6 1 3.2 1.3 .6 1		1.3	6.
1.9 1.3 1.9 .6 1.9 .6 1.9 1.3 .6 1 3.2 1.3 .6 1		1.9	3.
1.9 .6 1.9 .6 1.9 1.3 .6 1 3.2 1.3 .6 1		5.2	
1.9 .6 1.9 1.3 .6 1 3.2 1.3 .6 1 3.9 1.3 .6		4.5	*
1.9 .6 1.9 1.3 .6 1 3.2 1.3 .6 1 3.9 1.3 .6		1.9	5
1.9 1.3 .6 1 3.2 1.3 .6 3.9 1.3 .6		5.2	•
3.2 1.3 3.9 1.3		11.0	5
3.9 1.3		5.8	*
		7.1	5
		6.5	5
		29.7	
26.5 27.1 12.9 1.9 1.9		100.0	3.

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93832

0

TOTAL NUMBER OF OBSERVATIONS

#### SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WEATHER

73-77

07 HOURS (1.5.T.)

DEC

MEAN WIND SPEED	5.2	5.3	2,5	2.8	3.5		4.0	6.0	*	4.2	3.8	9.3	4.9	4.4	4.9	3.5			
*	11.6	5.2	2.6	3.2	1.3		1.9	4.5	3.9	3.9	2.6	2.6	11.0	0.6	6.5	3.9		56.5	
& VI																		X	
8 . 35																		X	
41 . 47																		$\bigvee$	
5																		$\bigvee$	
28 · 33																		X	
22 . 27												9.						X	,
17 - 21																		X	
		9.						9.					5.6					X	
7 . 10	2.6	1.3					•	1.3	9.	9.	9.	9.	1.3	3.2	9.	9.		X	
:	5.8	9.	9.	1.3	9.			1.3	1.9	••			3.2	1.3	4.9			X	
::	3.2	2.6	1.9	1.9	9.		1.3	1.3	1.3	2.6	1.9	1.3	3.9	4.5	1.3	2.6		X	
SPEED (KNTS) DIR.	z	NNE	w z	Z	w	ESE	3	SSE	s	SSW	NS.	WSW	*	WNW	×	NNW	VARBL	CALM	-

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DIRNAVOCEANMET SMOS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

CECIL FIELD, FLORIDA

93832 STATION

1900

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

ALL WEATHER

10 HOURS (LS.T.)

CONDITION

WIND	7.2	5.5	5.0	7.3	5.0	5.8	7.0	10.0	7.2	6.8	6.8	4.7	7.4	7.6	7.2	6.3			6.1
×	11.0	12.3	3.9	6.1	9.	3.9	2.6	3.2	7.7	3.2	2.6	6.€	1.1	11.0	0.6	6.3		4.6	100.0
8 Al																		$\bigvee$	
48 - 55																		X	
4.0																		$\bigvee$	
4 . 4																		$\bigvee$	
28 . 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21													1.3	9.				$\bigvee$	9.1
11 . 16	9.					9.	9.	1.3	9.	9.		9.		3.2	1.3			X	9.7
7 . 10	5.2	3.9	1.3	1.9		1.3		1.3	3.9	9.	9.		1.9	9.		3.2		X	29.0
• •	4.5	5.2	1.3		9.		1.9	9.	2.6	1.9	1.9	1.3	1.3	3.9	3.9	5.6		X	33.5
:	9.	3.2	1.3			1.0			••			1.9	2.6	2.5	9.	0.		X	16.1
SPEED (KNTS) DIR.	z	NN	W Z	ENE		ESE	35	SSE	s	SSW	SW	WSW	*	WNW	NW	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93832 STATION

CECIL FIELD, FLORIDA

0

0

0

13 HOURS (L.S.T.)

DEC

YEARS

73-77

SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

-

SURFACE WINDS

CONDITION

ALL WEATHER

MEAN WIND SPEED	5 5.7	6 6.1	9 5.7		5 7.8	0.6	0.6	11.7	1 10.3	2 10.1		1 8.0		7.7	6 7.5			2	7.6
*	*	11.6	1.9	3.2	6.5	1.9	3.9	1.9	7.1	5.2	5.8	7.1	14.2	11.6	2.6	4.5		6.5	100.0
<b>8</b> 5																		$\bigvee$	
48 - 55																		$\bigvee$	
41 . 47																		$\bigvee$	
34 . 46																		$\bigvee$	
28 - 33																		$\bigvee$	
22 . 27																		$\bigvee$	
17 - 21								9.	1.3			9.	9.	9.				$\bigvee$	2.0
91 . 11		1.3		9.	1.3	9.	1.3	9.	9.	2.6	1.3		4.5	9.	0.	1.3		$\bigvee$	10.4
7 - 10	1.9	3.2	0.	1.3	3.2	1.3	1.3		3.9	1.3	1.3	•	3.2	5.8	9.	-		X	31.6
:	1.3	5.2	1.3	0.	1.3		1.3	0.	1.3	1.3	9.	2.0	3.9	3.2	1.3	٥.		$\bigvee$	26.5
::	1.3	1.9		9.	0.						2.6	1.3	1.9	1.3		9.		X	12.3
SPEED (KNTS) DIR.	z	W.	w	ENE		ESE	35	SSE	5	SSW	3¥	WSW	*	WWW	×	NNN	VARBL	CALM	

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DIRNAVOCEANMET SMOS

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TOTAL NUMBER OF OBSERVATIONS

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

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93832

CECIL FIELD, FLORIDA

2

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

YEARS (FROM HOURLY OBSERVATIONS) 73-77 CECIL FIELD, FLORIDA

ALL MEATHER

COMPITION

MEAN WIND SPEED	4.7	6.7	7.6	4.9	7.9	6.9	7.8	11.3	6.7	5.4	8.9	9.6	7.4	8.5	4.9	4.3			7.0
*	4.5	7.1	3.2	7.1	7.1	4.5	5.6	1.9	6.5	3.2	6.5	4.5	16.1	10.3	8.4	2.6		3.9	100.0
8																		$\bigvee$	
<b>58</b> . 55																		$\bigvee$	
41.47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27											9.							$\bigvee$	9,
17 - 21														9.				$\bigvee$	9.
11 . 16		9.			1.3	9.	9.	1.3	1.3			1.3	2.6	1.3	1.3			$\bigvee$	14.8
7.10	1.3	3.2		3.9	3.2	1.9	9.	9.	1	9.	9.	2	5.2	5.5		9.		X	35.5
•	1.9	-	9.	2.		1.	1.3		1.9	•	2.1		7.7	3.2	4.	9.		$\bigvee$	32.9
1.3	1.3	1.3		••	0.	9.			1.3	1.3	9.	9.	9.		1.3	1.3		$\bigvee$	11.6
SPEED (KNTS) DIR.	z	ZZZ	ž	BNE	-	ESE	35	388	8	ASS	SW	WSW	*	WWW	MW	NNW	VARBL	CALM	

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93832 STATION

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SURFACE WINDS JAN 78

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#### SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93832

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9211

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(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER COMDITION CECIL FIELD, FLORIDA

19

DEC

11 . 16   17 . 21   22 . 27
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DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER CECIL FIELD, FLURIDA

HOURS (1.5.T.)

DEC

MEAN WIND SPEED	4.8	4.7	4.0	1.7	4.7	2.3	8.0	5.0	6.2	5.0	4.7	5.4	5.0	5.3	5.5	4.3			3.8
*	8.4	7.7	3.9	1.9	1.9	1.9	1.3	3.2	5.8	9.	4.5	5.8	14.8	6.9	3.9	5.5		22.6	100.0
<b>3</b> 5																		X	
48 . 35																		X	
4.4																		$\bigvee$	
34 . 40																		$\bigvee$	
28 . 33																		$\bigvee$	
$n \cdot n$																		$\bigvee$	
17 . 21												9.						$\bigvee$	*
11 . 16									9.				•					X	1.3
7 . 10	1.3	1.9	9.				1.3	1.3	1.9		1.3		4.5	9.	1.3	1.3		X	17.4
*:	5.2	3.2	1.3		1.9	•			1.3	•	1.9	3.2	3.9	5.2	1.3	1.9		X	21.6
::	1.9	5.6	1.9	1.9		1.3		1.9	1.9		1.3	1.9	5.8	0.	1.3	1.9		X	3 46
SPEED (CNTS) DIR.	z	N N	¥	ENE		ESE	*	SSE		SSW	×s.	WSW	*	WWW	*	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRNAVOCEANMET SMOS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

CECIL FIELD, FLORIDA

YEARS

CONDITION

ALL MEATHER

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2.3 3.7 2.22 2.3 3.7 2.22 2.3 3.7 2.22 2.3 3.7 2.22 2.3 3.7 2.22 2.3 3.7 2.22 2.3 3.7 2.22 2.3 2.3 2.3 2.3 2.32 2.3 3.7 2.22 2.3 3.7 2.22 2.3 2.5 3.7 2.52 2.3 2.5 3.2 2.5 7.1 1.52 2.3 2.5 3.3 2.1.5 7.1 1.52 2.3 2.5 3.3 2.1.5 7.1 1.52 2.3 3.4 2.5 3.5 2.5 7.1 1.52 2.3 2.5 3.3 2.5 3.1 1.0 2.3 3.5 2.5 3.2 2.5 7.1 1.52 2.3 2.5 3.3 2.5 3.1 1.0 2.3 3.5 2.5 3.5 2.5 7.1 1.52	SPEED (KNTS)	1.3	9.4	01 - 2	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55	8 Al	×	WIND
23.3 29.3 21.5 7.1 1.5 7.2 7.3 100.0	OIR.	-		1	-								7 0	A S
23.3 29.2 2.04  2.1 1.4 1.0  3.1 1.3 1.6 1.0  3.1 1.2 1.9 2.14  3.2 1.3961  3.6 3.5 2.7 1.55  3.6 3.5 2.7 1.55  3.7 29.3 29.3 21.5 7.1 1.52	z	6.3	3.1		7.									
1.4 1.0 .1 3.1 1.0 1.0 3.1 1.0 1.0 1.1 3.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	N.	2.3	3.2		4.								7.9	5.4
1.36 1.01 1.0 1.263 1.0 1.263 1.0 1.264 1.1 1.2 1.9 2.14 1.1 1.2 1.9 2.7 1.55 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631 1.9 3.1 2.4631	N X		1.4										3.1	5.0
1.0 1.2 .6 .3 .1 1.0 1.2 .6 .5 .2 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	ENE	1.3	9.										3.1	5.0
1.0		1.0	1.		.3								3.3	5.8
1.2 1.9 2.1 .4 .2 .1 .1 .9 .6 .1 .1 .1 .9 .5 .1 .1 .1 .9 .5 .1 .1 .1 .9 .5 .1 .1 .1 .9 .5 .1 .1 .1 .9 .5 .1 .1 .1 .9 .5 .1 .1 .1 .5 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	ESE	9.			.2								1.9	6.1
1.2 1.9 2.1 .4 .2 .1 .1 .9 .9 .6 .1 .1 .1 .9 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	35				4.								2.3	
1.2 1.9 2.1 .4 .2 1.5 1.3 .9 .6 .1 1.6 1.1 .9 .5 .1 3.6 3.5 2.7 1.5 .5 .1 1.9 3.1 2.4 .6 .3 .1 1.9 3.1 2.4 .6 .3 .1 1.9 3.1 2.4 .6 .3 .1 1.9 3.1 2.4 .6 .5 .5 .1 1.9 3.1 2.4 .6 .5 .5 .7 .1 .1 .5 .2	SSE	k.	1.		9.	1.							2.7	
1.9 1.3 .9 .6 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1		1.2	1.9	2	4.	~							2.5	6.6
1.4 1.1 .9 .5 .1 1.5 1.6 .8 .6 .3 .1 1.9 3.1 2.4 .6 .3 1.9 3.1 2.4 .6 .3 1.0 3.3 29.3 21.5 7.1 1.5 .2	SSW	1.5	-	•	9.								£ . 4	6.1
1.5 1.6 .8 .6 .3 .1 3.6 3.5 2.7 1.5 .5 1.9 3.1 2.4 .6 .3 1.4 2.9 1.4 .6 .8 1.5 1.9 1.3 .2 23.3 29.3 21.5 7.1 1.5 .2	WS	1.4	-		J.		1.						0.4	
3.6 3.5 2.7 1.5 .5 1.9 3.1 2.4 .6 .3 1.4 2.9 1.4 .6 .3 1.5 1.9 1.3 .2 23.3 29.3 21.5 7.1 1.5 .2	WSW	1.5	-										4.9	
1.9 3.1 2.4 .6 .3 1.4 2.9 1.4 .6 .5 1.5 1.9 1.3 .2 23.3 29.3 21.5 7.1 1.5 .2	3	3.6	3.	2	-	. 5							11.8	
1.4 2.9 1.4 .6 1.5 1.9 1.3 .2 23.3 29.3 21.5 7.1 1.5 .2	MAN	1.9	3.	-		•							8.4	6.3
23.3 29.3 21.5 7.1 1.5 .2	3	1.4	2.										6.2	5.8
23.3 29.3 21.5 7.1 1.52	AN.	1.5	1.9		•								4.9	
23.3 29.3 21.5 7.1 1.5	TARBL													
29.3 21.5 7.1 1.5 .2	CALM	$\bigvee$	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	17.3	
		23.3	29.		7.1	1.5	.2						100.0	4.9

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1240

TOTAL NUMBER OF OBSERVATIONS

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL MEATHER

YEARS

MOURS (L.S.T.)

COMDITION

SPEED (KNTS) DIR.	s	• •	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 46	41.0	86 · 84	95 Al	*	MEAN WIND SPEED
z	1.6	3.	2.2	9.	.1							7.8	6.2
NNE	1.9	2.3	1.5	9.	• 1	0.						6.3	5.8
Z	1.1	1.	1.4	4.	• 0							8.4	6.1
ENE	0.1	1.		9.	0.	0						5.0	
£	5.1	2.	2.1	8.		0.						6.9	
ESE	0.1	1.3	1.1	€.	0.	0.						3.8	
38	1.0	1.	9.	.2	0.	0.						2.9	5.6
SSE	1.1	1.	. 7	.3	0	0.						3.4	5.7
8	6.1	2.0	1.3	.7	~	0.	0.					6.1	6.1
SSW	1.5	1.	1.2	ż	•1	0.						5.0	
SW	1.3	1.	1.3	9.	-	0.						5.0	
WSW	1.8	2.	1.4	.7	. 2	0.	0.					6.2	4.9
*	2.2	2.	2.0	. 8	.1	0.						7.5	6.3
WNW	1.1	1.5	1.2	.5	0.	0.						4.3	
NA	6.	1.5	1.0	.2	0.							3.7	
NNN	5.	1.3	1.0	.2		0.						3.7	5.7
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	17.6	
	21.8	29.	21.7	8.0	1.2	.3	0.					100.0	5.1

SMOS DIRNAVOCEANMET

14607

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93832

CECIL FIELD, FLURIDA

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0

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

CECIL FIELD, FLURIDA

93832 STATION

1550

73-77

INSTRUMENT

NOURS (L.S.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

AND/OR VSRY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	::	;	7 - 10	91 . 11	17.21	22 - 27	28 - 33	34 - 40	41.4	48 - 55	<b>%</b>	*	WIND WIND SPEED
z	2.6	4.7	3.7	1.3	2.							12.5	0.0
Z Z	3.3	3.2	2.6	6.								10.1	5.
¥	1.6		1.5									5.7	5.0
Z	4.	1.0		7.								2.5	5.6
	1.3	1.2		-	-	1.						3.2	5.
ESE	œ.	9.	9.	.2		1.						2.3	9
25	9.	9.	.2	2.								1.9	5.8
SSE	1.1	1.0		E.	.1	7.						3.2	6.2
8	1.6		-	5.	.2							5.0	6.1
SSW	1.1		1.3	.3								4.4	
SW.	1.0	1.3	1.4	. 3	-							4.1	6.1
WSW	1.5	1.4	6.	00	7.							4.6	2.9
*	2.2	1.3	1.5	4.	• 1							5.4	5.2
WNW	1.2	1.0	9.	3.								3.3	
¥		1.6	1.0	3.	~							0.4	
NNW	1:1	1.9	1.3	4.								4.8	6.2
VARBL													
CALM	X	$\bigvee$	$\bigvee$	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	23.1	
	22.4	26.7	19.4	7.1	1.1	.3						100.0	4.6

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30

NWSD, Federal Building Asheville, N. C.

# CEILING VERSUS VISIBILITY

equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to presented as follows:

- By month all years and all hours combined 1. Annual - all years and all hours combined 2. By month - all years and all hours combine 3. By month - by standard 3-hour groups
  - By month by standard 3-hour groups

station was meeting or exceeding any given set of minims may be determined from the figure at the intersection reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by on pages 2 and 3 below. U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque. to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949

# EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

	0 1	75	95.6	2		18. N	98.1		100.0
	% <	7	10, 5 3,15			a Age		Hu.	
	> 5/16								
	% ≥		55 a			1.6			
	% Al	1							
	% Al								
.ES)	,i		B				7.72		98.3
VISIBILITY (STATUTE MILES)	7,1 <	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\							
BILITY (ST	N 1 %								
VISI	8								6.96
	≥ 2 %	7	8						
	۸I	7	0.19						7.56
	4		2						
	8		180					1000	
	9 11	\(\begin{align*}  \text{ \ \text{ \ \exitit{ \text{	8	78 65				1100	o action
	01 11	3	9						g P
CEILING	(FEET)	NO CEILING	N 1800	V V V 1200	8 8 8 8	VI VI 0 00 0 00	VI VI	20 00 10 10	8 °

Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table: Ceiling > 1500 feet = 92.6%.

Ceiling > 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of ceilings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.4%.
Visibility > 2 miles = 96.9%.
Visibility > 1 mile = 98.3%. EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

#### PART D

#### ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value observations meeting the lower set of limits, but not meeting the higher set of limits. in the table for the second set of limits. The difference will be the percentage of

subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile. The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles,

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

#### PART D

#### SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

NOTE:

Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

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				red)
OKTAS	0 11	a m-	4 rv 0	7 8 (or obscured)

CEILING VERSUS VISIBILITY JAN 68

72.9

200

TOTAL NUMBER OF OBSERVATIONS

89.0

85.2

78.1

80

ALAI

66.5 66.5 66.3

88

ALAI

NAVWEASERVCOM

93832 STATION

CECIL FIELD, FLORIDA

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

NO CEILING ≥ 20000 VI VI 00081 00081 00081

Y 1400

VI VI 800 000 000

2000 2000 2000

900

4500 4000

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(FEET)

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01 HOURS (1.5.T.)

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		49.0		54.	55.	55.	55.	57.					00	9	~
		49.0	6	54.	55.	55.	55.	57.		8.		-	00	9	-
		49.0	6	54.	55.	55.	55.	57.		8.		-	.09	9	-
		0.69	3	54.	55.	55.	95.	57.		8			.09	09	
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		58.1	5	67.	69	69	70.	72.		2.			74.	74	-
_		60.09	-	69	71.	71.	72.	74.		4.			76.	76	~
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_		63.2	2.	74.	77.	11.	78.	80.	•	0			82.	82	
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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

04 HOURS (1 S T ) NAP

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OCCURRENCE	ATIONS)
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PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM P

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45.2 48.4 51.0 56.8 56.8 60.7 60.7 63.9 64.5 64.5 67.1 6  45.8 49.0 51.6 57.4 57.4 60.7 61.3 61.3 64.5 65.2 65.2 67.7 6  2500 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7  1800 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7  1800 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7  1800 69.0 52.3 54.8 60.7 6.7 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7  1800 50.3 54.2 56.1 61.9 61.9 65.2 65.8 65.8 65.8 67.0 69.7 69.7 72.3 7  200 50.3 54.2 57.4 63.2 63.2 65.5 67.1 67.1 70.3 71.0 71.0 73.6 7  200 52.9 57.4 61.9 67.7 77.0 71.0 74.2 74.8 75.5 78.1 7  200 52.9 57.4 61.9 67.7 77.0 71.0 74.2 74.8 75.5 78.1 7  200 53.6 58.1 62.6 68.4 69.0 72.9 72.9 72.9 72.9 76.1 83.2 83.9 84.5 87.7 81.0 9  200 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9				-9			0	0	0	3.	*			68.4	6	72.3
45.8 49.0 51.6 57.4 57.4 60.7 61.3 61.3 64.5 65.2 65.2 67.7 60.7 50.0 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7 180.0 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7 180.0 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7 180.0 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7 180.0 50.3 53.6 56.1 61.9 61.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7 180.0 50.3 54.2 57.4 63.2 63.2 65.8 65.8 65.8 69.0 69.7 68.4 71.0 7 70.3 7 180.0 50.3 54.2 57.4 63.2 63.2 66.5 67.1 67.7 71.0 71.0 71.0 71.0 73.6 7 180.0 52.9 57.4 61.9 67.1 67.1 67.7 71.0 71.0 71.0 71.0 71.0 71.0 71.0 7				:		\$	0	0	0		;	;	-	68.4	6	72.3
48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 77.7 70.3 7  48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 77.7 70.3 7  1800 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 77.7 70.3 7  1800 49.0 52.3 54.8 60.7 60.7 63.9 64.9 64.5 67.1 67.7 77.7 70.3 7  1800 50.3 54.2 57.4 63.2 63.2 65.8 65.8 65.8 69.0 69.7 69.7 72.3 7  1800 50.3 54.2 57.4 63.2 63.2 65.5 67.1 67.1 70.3 71.0 71.0 72.3 7  1800 52.9 57.4 61.9 67.7 77.0 71.0 71.0 74.2 74.8 75.5 75.5 78.1 7  1800 52.9 57.4 61.9 67.7 67.7 71.0 71.6 74.8 75.5 75.5 78.1 7  1800 53.6 58.1 62.6 68.4 69.0 72.3 72.9 72.9 76.1 76.8 76.8 76.8 78.5 78.1 7  1800 53.6 58.1 62.6 68.4 69.0 72.3 72.9 76.1 76.8 76.8 76.8 78.5 78.1 78.1 80.7 80.7 80.7 80.7 80.7 80.7 80.7 80.7				-	-		.0	-:	-	3	2	5	-	6		72.9
48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7  1800				2.	8	8	-	5	2			;		70.3	71.0	74.2
2000 48.4 51.6 54.2 60.0 60.0 63.2 63.9 63.9 67.1 67.7 67.7 70.3 7 1300 49.0 52.3 54.8 60.7 60.0 63.2 63.9 64.5 67.7 68.4 68.4 71.0 7 10.3 7 10.0 50.3 53.6 56.1 61.9 61.9 65.2 65.8 65.8 69.0 69.7 69.7 72.3 7 10.0 50.3 54.8 58.1 63.2 63.2 65.2 65.8 65.8 69.0 69.7 69.7 72.3 7 10.0 50.3 54.8 58.1 63.9 63.9 67.1 67.1 71.0 71.0 71.0 71.0 71.0 73.6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				4	0	0									72.3	75.5
1300 48.4 51.6 54.2 60.0 60.0 63.2 63.9 67.1 67.7 67.7 70.3 71.0 1300 49.0 52.3 54.8 60.7 60.7 63.9 64.5 64.5 67.7 68.4 68.4 71.0 71.0 71.0 50.3 53.6 56.1 61.9 61.9 65.2 65.8 65.8 69.0 69.7 69.7 72.3 7 72.0 70.3 50.3 54.2 57.4 63.2 63.2 66.5 67.1 67.1 70.3 71.0 71.0 71.0 73.6 7 70.0 52.9 57.4 61.3 67.1 67.1 71.0 71.0 74.2 74.8 74.8 77.2 7 8.0 52.9 57.4 61.9 67.7 67.1 71.0 71.0 74.2 74.8 75.5 75.5 75.1 7 70.0 52.9 57.4 61.9 67.7 67.7 71.0 71.6 74.8 75.5 75.5 75.1 7 8.0 53.6 58.1 62.6 69.7 70.3 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9				;	0	0	3	3			1.	-				75.5
1300				*	0	0	3		3		-	67.7	0	71.6	72.3	75.5
1200 50.3 53.6 56.1 61.9 61.9 65.2 65.8 65.8 69.0 69.7 69.7 72.3 7 10.0 50.3 54.2 57.4 63.2 63.2 66.5 67.1 67.1 70.3 71.0 71.0 71.0 73.6 7 20.3 52.3 56.8 61.3 67.1 67.1 70.3 71.0 71.0 71.0 71.0 73.6 7 7 20.3 52.3 56.8 61.3 67.1 67.1 70.3 71.0 71.0 74.2 74.8 77.4 7 7 20.0 52.9 57.4 61.9 67.7 67.7 71.0 71.6 74.8 75.5 75.5 78.1 7 20.0 53.6 58.1 62.6 68.4 69.0 72.3 72.9 72.9 76.1 76.8 75.5 75.5 78.1 7 10.0 53.6 58.1 62.6 69.7 70.3 73.6 74.2 74.2 77.4 78.1 78.1 80.7 80.7 80.7 80.7 80.7 80.7 80.7 80.7				4	0	0	3		;		8		:		5.	76.1
1000 50.3 54.2 57.4 63.2 63.2 65.5 67.1 67.1 70.3 71.0 71.0 73.6 7 800 52.3 56.8 61.3 67.1 67.1 70.3 71.0 74.2 74.8 77.4 7 800 52.9 57.4 61.9 67.7 67.7 71.0 71.6 74.8 75.5 75.5 78.1 7 800 52.9 57.4 61.9 67.7 67.7 71.0 71.6 74.8 75.5 75.5 78.1 7 800 52.9 57.4 61.9 67.7 67.7 71.0 71.6 74.8 75.5 75.5 78.1 7 800 53.6 58.1 62.6 68.4 69.0 72.9 72.9 72.9 76.1 76.8 76.5 75.5 78.1 7 800 53.6 58.1 63.2 71.0 71.6 74.2 74.2 77.4 78.1 76.8 76.1 83.2 83.9 84.5 89.0 9 84.2 58.7 63.9 72.9 73.6 77.4 78.1 83.2 83.9 84.5 89.0 9 84.2 58.7 63.9 72.9 73.6 77.4 78.1 83.2 83.9 84.5 89.0 9		0			-	-	3	5.	5	6	0	6		73.6	74.2	77.4
50.0 50.3 54.8 58.1 63.9 63.9 67.1 67.7 71.0 71.6 71.6 71.6 77.4 7  52.3 56.8 61.3 67.1 67.1 71.0 71.0 74.2 74.8 75.5 75.5 77.4 7  52.9 57.4 61.9 67.7 67.7 71.0 71.6 74.8 75.5 75.5 78.1 7  53.6 58.1 62.6 68.4 69.0 72.9 72.9 72.9 72.9 76.1 76.8 76.5 78.1 78.1 80.7 80.7 83.2 83.2 84.5 87.7 83.2 83.2 84.5 87.7 83.2 83.0 84.5 87.0 9 9.0 9  54.2 58.7 63.9 72.9 73.6 77.4 78.1 83.2 83.9 84.5 89.0 9  54.2 58.7 63.9 72.9 73.6 77.4 78.1 83.2 83.9 84.5 89.0 9		0		-	3.		.0	-	-	0	-	:			3	78.7
52.3 56.8 61.3 67.1 67.1 71.0 71.0 74.2 74.8 74.8 77.4 7  52.9 57.4 61.9 67.7 67.7 71.0 71.6 71.6 74.8 75.5 75.5 78.1 7  53.6 58.1 62.6 68.4 69.0 72.9 72.9 72.9 76.1 76.8 76.8 76.8 79.4 8  53.6 58.1 62.6 69.7 70.3 73.6 74.2 74.2 77.4 78.1 78.1 80.7 80.7 83.2 8  54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9  54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9							7.	67.7			-	-		75.5	76.1	79.4
52.9 57.4 61.9 67.7 67.7 71.0 71.6 71.6 74.8 75.5 75.5 78.1 7  52.9 57.4 61.9 67.7 67.7 71.0 71.6 71.6 74.8 75.5 75.5 78.1 7  53.6 58.1 62.6 68.4 69.0 72.3 72.9 72.9 76.1 76.8 76.8 79.4 8  53.6 58.1 62.6 69.7 70.3 73.6 74.2 74.2 77.4 78.1 78.1 80.7 83.2 8  54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9  54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9		2					ċ	0.17	:	74.2	;	*		78.7	79.4	82.6
53.6 58.1 62.6 68.4 69.0 72.3 72.9 76.1 76.8 75.5 75.5 78.1 7  53.6 58.1 62.6 68.4 69.0 72.3 72.9 72.9 76.1 76.8 76.8 79.4 8  53.6 58.1 63.2 71.0 71.6 74.8 75.5 80.0 80.7 80.7 83.2 8  54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9  54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9		2.		-		67.1	-	:	:	•	3		18.1	19.4	80.0	83.2
53.6 58.1 62.6 68.4 69.0 72.3 72.9 72.9 76.1 76.8 76.8 79.4 8  53.6 58.1 62.6 69.7 70.3 73.6 74.2 74.2 77.4 78.1 78.1 80.7 8  53.6 58.1 63.2 71.0 71.6 74.8 75.5 75.5 80.0 80.7 80.7 83.2 8  54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9  54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9		2		-	1.		-	-:	-	•				79.4		
53.6 58.1 62.6 69.7 70.3 73.6 74.2 74.2 77.4 78.1 78.1 80.7 8 3.2 8 3.0 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 87.7 8 3.0 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 87.7 8 3.0 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9		3		2.		6	3	•	2.		•		6	80.7		
200 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 87.7 8 80.0 80.7 80.7 83.2 8 80.0 200 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 87.7 8 8 84.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9		3.		2	6	•	3.	74.5				8		81.9	3	86.5
200 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 87.7 8 100 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9 0 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9		3.			•			75.5	2.		0		3		85.8	89.0
100 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9								78.1	*	3	3.				•	93.6
0 54.2 58.7 63.9 72.9 73.6 77.4 78.1 78.1 83.2 83.9 84.5 89.0 9			58.7			•	77.4	78.1		3.	3.		6	8006	2.	96.1
			58.7		•	•	77.4	78.1		3.	3	_	6			100.0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

0 8

0

0

0

0

93832

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-7

-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

•

DAN MONTH OT

3

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	01 21	9	\$ 41	7 1	E AI	2 2%	7	VI %	¥1 Y	- 1	% Al	*	N %	≥ 5/16	N N	O AI
O CEILING			32.3	32.9	34.2		36.1		38.7		41.3	41.3		41.3	42.6	44.5
≥ 20000				37.4		6	41.3		44.5		47.7	47.7		48.4	•	52.9
			0	37.4		6	6.14	43.9	•		47.7	47.7	48.4	48.4	0	
2 16000		6	36.1	37.4	39.4		41.3	43.9	44.3		47.7	47.7		48.4		52.9
		29.0		37.4		39.4	41.3	43.9	44.5	45.8	47.1	47.7	4.8.4		0	52.9
7 12000			36.8	38.1	0.00		41.9	44.5	•		48.4	48.4			-	53.6
× 10000		32.3	6	40.7	45.6		44.5	41.1			-	-	3.	2	;	56.8
0006		32.3			42.6	45.6	44.5	47.1	7.	49.7	51.6	:	52.3	52.3	54.2	56.8
		34.8		43.9			1.	0	-:	•	5	3		9	8	61.3
7000		35.5	43.2	;	46.5		48.4	-	51.6	*		1.96				6119
1		35.5		44.5	46.5		8.	-	-		0	.0			6	
2000		36.1		45.8	-			52.3	52.9		-	-				63.2
> 4500		36.1	3	45.8	47.7	-	6	2	~	5		57.4	3		0	
900		36.1			48.4		0	52.9		•	8	8		6	-	63.9
		36.1	3	45.8	8	0	0		3	6		58.1	6	6	-	
3000		37.4		47.7	0		3		3		0	60.7	:	-	3	67.1
1		37.4	45.8	47.7	50.3	0		54.8	55.5		1.09	0		61.9	63.9	67.1
7 2000		38.1	•	0.64	-	-			•	0	-	-	3	•	2	
		38.7		6	2.		*			0	2	2.		3	5	
1500		40.7	49.0	-	3				1.00		65.8	65.8	1.		6	72.3
		41.9	0	52.9				-	-				6	6	-	74.2
1000		43.9	2			00	61.3	63.9		8	0	0	-		3	16.8
		44.5	2	53.5		•			5		-	71.6	2		;	78.1
00 AI		45.8	*	\$6.8		0		•	-	-			;	;	•	
		45.8	;	57.4			*		7			•	;	*	•	80.0
8		46.5	56.8	60.7	65.2	65.2		71.0	71.6	75.5	77.4	77.4		8		83.9
		47.1		6119	65.8		4.69	72.3	72.9		8		80.0	0	:	85.2
8		47.1		61.9	67.7	67.7	:	74.2	74.8	78.7	0	80.7	-		83.9	87.1
		47.1	57.4	61.9	67.7	67.7	72.3	74.8	75.5	19.4	81.3	81.3				
7 200		47.1	57.4	61.9	67.7	67.7	72.9	75.5	76.1	.0		83.2		84.5	•	90.3
S 100		47.1	57.4	-	67.7	67.7	72.9	75.5	76.1	80.7			84.5	85.2	87.1	8.96
٥		47.1	57.4	61.9	67.1	67.7	•	75.5	76.1		83.2	83.5	84.5	85.2	87.1	00.00

TOTAL NUMBER OF OBSERVATIONS

155

1800

DIRNAVOCEANMET SMOS

H40

0

0

0

0

0

0

0

0

0

# **CEILING VERSUS VISIBILITY** NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LAN

H

10 NOUNS (1 S 7 )

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$3						
(FEET)	71	٥ ٨١	\$ 41	<b>AI</b>	21	2 2%	2 41	¥1 %1	VI 2.	71	% Al	*	Z AI	≥ 5/16	AI 3	0 11
NO CEILING		36.1	38.7	0.04	41.3	41.3	41.3	41.3	41.3	41.3	-			45.6		43.2
≥ 20000		30.4		45.2	47.7	47.7	47.7	47.7	47.7	47.7		•		49.0	6	49.7
		39.4		45.2	47.7	47.7	47.7	47.7	47.7	47.7		•	6	•		49.7
14000		39.4		45.2	47.7	47.7	47.7	47.7	47.7	47.7		49.0		49.0		49.7
		39.4		45.2	47.1	47.7	47.7	41.1	47.7	47.1		•			6	49.7
1700		-		47.7	50.3	50.3	50.3	50.3	50.3	50.3	-		-	51.6	51.6	52.3
		3				9	0		0			80		8	8.	58.7
8		45.8	52.9	54.5	57.4	57.4	57.4	57.4	57.4	57.4		58.7	58.7	58.7	58.7	59.4
		0		8		-		61.9	-	-	5.		3	3	63.2	
9		51.0		59.4		65.6					3.	3.	3	63.9	3	64.5
		-				2		65.6			3		3	3	63.9	64.5
9000		51.0				•				•	3	•	3	•	3	64.5
1		51.0	58.1	59.4	62.6	62.6	9.29	62.6	9.79	9.29	63.2	63.9	63.9	63.9	63.9	64.5
9		2.		-			;		;		3	3	2	3.	2.	66.5
		52.9		61.3	*		+	64.5	•		2	8.59			3	66.5
300		53.6		:	2		3	3	5		2	•	•		;	
							67.1		67.1	67.1		4.89		68.4		0.69
7 2000		57.4		67.1	0	0	.0		0	0	-	:	-	-		72.3
			65.2		0	10.3	0	70.3	0	70.3	71.0	711.6	11.6		71.6	72.3
1500		58.7			-	71.6	-		2.		72.9	3	73.6	73.6	3	74.2
		61.3		-			*		•	-	3	•	76.1	76.1	0	76.8
90		-		12.9			•		;	76.8	-	78.1	78.1	78.1		
		62.6		•	-	17.4	1:	78.1			78.7	6	6	79.4		80.0
00		3		•		78.7	6		0			-	:	81.3	81.3	81.9
		3.			78.7	78.7	80.0	0	80.7	0	-	81.9	:	81.9	-	82.6
8		63.6				78.7	.0	81.3	:	•	2	83.2		83.2	83.2	83.9
				76.8	1.08		82.6	83.2	3	83.9	84.5	85.2	85.2		85.2	85.8
400		65.2			-	•		86.5	86.5			6	6	89.0		89.7
		65.8	74.8	78.1	82.6	82.6	86.5	88.4	8	0.68	0116	:	9116	91.6	•	
7 200		65.8		•			87.1	89.0	0	•	5	93.6		95.5	95.5	1.96
81		69.8	14.8	78.7	83.2	83.2	87.1	89.0	89.0	91.0	65.6	93.6	95.5	96.1		98.1
0		65.8		78.7	3	•	87.1			-	3.	•	3	96.1	96.8	000

0

0

0

0

0

0

30

TOTAL NUMBER OF OBSERVATIONS

155

80

DIRNAVOCEANMET SMOS

93832

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

93832

13 HOURS (1 S T ) JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		;					IBILITY (ST	m   .							
``	9 0	5 7	1 0	2 2	2 2%	~ 1	71 7	71 7	- 4	7 1	* -	2 14	2 5/16	7. 2	0 2
	3.5	53.6	53.6	23.6		52.6	83.6	53.6				53.6	53.6	53.6	53.6
-	3		53.6	6	53.6		3	53.6			53.6		53.6	3	53.6
	*		53.6	3	53.6	53.6	53.6		-			53.6	53.6	53.6	53.6
_		54.2			4				54.2			54.2	1000		
	3			;	.0				56.1				9	;	1.95
	58.1	58.7	58.7					8	58.7		58.7		58.7		58.7
	58.1	58.7				*			100000						58.7
_	-				100		63.9		63.6		3.		3.	3	63.9
	6119	63.2		3	63.9	63.9	63.9	63.9		63.9	63.9	63.9	63.9	63.9	63.9
1	:		3	3		3	3						3.	3.	
	61.0	63.6			30		65.2	5	•	'n		3			65.2
	61.9	63.9		5	65.2	5			65.2	3				3	65.2
	9-29	64.5	65.5	5	No.			65.8	5		5		65.8	3	65.8
	63.6				67.1	2			-		67.1			-	
	4.89		-	71.6	-		71.6	71.6	71.6	-	-			71.6	71.6
1	73.6	75.5	•				77.4		77.4		-				
	78.1			-			82.6	2	82.6	82.6	82.6	82.6	82.6		82.6
		81.9	82.6		83.9	83.9			83.9			83.9	3.	83.9	
				1.		0.68	6	•	6		89.0	6	89.0	89.0	
	83.9	86.5	87.7		89.0	6	89.7	6			. 6		6	89.7	
				:	-	2	2		•		3	2		92.3	92.3
	85.8		8.06	-	91.6	2.		3		3		92.3		92.3	92.3
	86.5	89.0	-	-	2	2		2	3	3	7	2	2.	92.9	
	86.5			-	~	2.				3	3		3.	93.6	
	86.5	0.68	91.0	•	65.6	93.6		94.2	94.2	34.5	;			;	94.2
	87.7		65.6			5	96.1	.0						•	
	4.88	0.16	93.6	8.46	95.5	96.1	4.76		98.7			98.7	98.7	98.7	98.7
		0.16	34.5		1.96	.0	98.1		0.00	100.0	0		100.0	100.0	0000
	80.4		94.2	95.5	96.1		98.1	98.11	100.00		100.00		100.0		0.00
	88.4	016	2.46	62.5		8.96		98.11		•	0.001	0.001	100.0	0000	0000
	88.4	0116	94.2	62.5	96.1		98.1	98.11	0.001	100.0	0.001	100.0	100.0	00001	00.0

TOTAL NUMBER OF OBSERVATIONS

155

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

93832

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NAC

																-
CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES)	S3						
(FEET)	۸I 2	AI	AI	4	1 3	≥ 2%	14 1	71 75	¥1 ¥	Ā	× Al	*	Z Al	≥ 5/16	AI	0 1
O CEILING		47.1	47.1		-	-	47.1	-							47.1	47.1
≥ 20000		63.2	63.2	63.		63.2	•	3	63.2	3	63.2	3	63.5	63.2	63.2	63.2
> 18000			3.	63.	3.	3	3.	3	3	3.	3.	3.	•	3.	63.2	63.2
16000		63.2		63.2	63.2				63.2	63.2		63.2			63.2	63.2
> 14000		63.9	*	63.	63.9	100			63.9	3.	63.9				•	63.9
12000		66.5	66.5		66.5	66.5	66.5	66.3	66.5	•	66.5				66.5	66.5
10000		71.0	71.0	71.0	711.0			:	•	71.0	71.0			71.0	•	71.0
0006		71.0	71.0	71.0	71.0	71.0	71.0	71.0		71.0	71.0	71.0	71.0	71.0	71.0	71.0
0008 4		72.3	72.3	72.3				72.3				2.				
141		72.3	72.3	72.3	72.3			72.3	72.3		72.3	72.3	72.3	•	72.3	72.3
1		72.3	72.3	72.3						2			•			72.3
2000		72.9	72.9	72.9	72.9			72.9			72.9	72.9	72.9		72.9	72.9
1		73.6	73.6	73.6				73.6		3		•		3		73.6
98		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	73.5	73.5
1		77.4	77.4	77.4		-		77.4								77.4
3000		80.0	80.0	80.7	80.7	0	80.7	80.7			80.7			0	-	80.7
1		85.2	3		85.8	100	0		0		0	86.5	0	9		86.5
2000		87.7	87.7	4.88	88.4		89.0				6		89.0	6	89.0	89.0
1		87.7	87.7	98.4	58.4	8		6		6		6	6	6		89.0
1500		89.0	89.7	91.0	91.6	91.6		92.9	•	6.26	2	65.6		65.6		92.9
1		89.7	90.3	92.3	92.9			*		*		2.76	2.46	*	2046	94.2
1000		89.7	90.3	92.3	92.9	~				;	;	2.46	2.46	;	:	94.2
		89.7	6006	92.3	92.9	2			;			:	2.46	;	94.2	94.2
8		89.7	90.3	92.3	92.9	92.9		2.46			;	2.46	34.5	;	:	34.5
1		89.7	6006	92.9	93.6			3		3.		95.5		3	93.5	95.5
8		89.7	90.3	92.9	93.6		95.5	95.5	95.5	95.5	3	95.5	95.5	95.5	95.5	95.5
		91.0	91.6	3.96		95.5	8.96	0						97.4	91.6	4.76
8		91.0	91.6	24.5	95.5				98.7	4.66	4.66	4.66	4.66	4.66	4.66	4.66
		91.0	91.0	2.46		96.8	1.86			0.00	0.00	100.0	0.00	0000	0.001	0000
. S.		91.0	91.6	94.2	96.1		98.7		4.66		0.001	100.0	00.00	10000	10000	0000
-		91.0	91.6	24.5	1.96	8.96	98.7	7.66	4.66	0.00	0000	0.001	0.00	0000	100.0	0000
٥		91.0	91.6	24.5	96.1	96.8	98.7	4.66	4.66	0.001	0.001	10000	10000	100.0	10000	0.001

TOTAL NUMBER OF OBSERVATIONS

0

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)
PERCENT/	(FRC

CEILING					Committee of the last	The second second	The second secon	The state of the s	Section of the last of the last	The second second	TOTAL STREET	The second secon				
(FEET)	2 41	9	\$0 A1	71	E AI	> 2%	2 4	¥1 Y	¥1 VI	Ā	× AI	*	Z Al	2 5/16	AI N	O AI
NO CEILING				1.95	6	0	6		56.8		56.8	•	56.8	8.95	56.8	
¥ 20000						70.3			71.0	71.0	71.0	71.0		71.0	71.0	71.0
				70.3		.0	.0			1.	71.0	•			71.0	71.0
N 16000			70.3	ċ	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
						11.6		-			•				•	72.3
2 12000			72.9	72.9	72.9	72.9	72.9	72.9		73.6	73.6	73.6		73.6	73.6	73.6
			1.91	76.1	76.1	1.91	76.1	76.1	76.8	1		16.8				
900		74.2	76.1	76.1	76.1	76.1	76.1	76.1		76.8		.9				76.8
1			78.7	78.7	78.7	78.7	78.7			9.	6	79.4	6		79.4	79.4
7000		77.4	19.4	79.4	19.4	19.4	79.4	79.4		0			0	0	80.0	80.0
1				0		0		0	80.7	80.7	80.7	80.7	80.7	80.7	0	80.7
2000		78.7	80.7	80.7	80.7	80.7	80.7		=	-		81.3	-		•	81.3
1				80.7			0	0		-		81.3	-	-	-	81.3
900		79.4	81.3	81.3	81.3	81.3	81.3		-	81.9	81.9	81.9	-	81.9	81.9	81.9
1			•		-	•		81.3			-	81.9		-	81.9	81.9
3000		81.9	•	83.9	83.9					84.5	84.5	84.5	;	84.5	84.5	84.5
1			84.5		84.5	64.5	84.5		85.2	85.2	85.2	85.2	2	85.2	85.2	85.2
7 2000		83.9		87.1	87.1	87.1	87.1	87.1		87.7	87.7	87.7	87.7	87.7	87.7	87.7
			87.1	87.1		87.1	87.1		87.7	-	-	87.7		87.7		87.7
1300		85.2	88.4	88.4	88.4	88.4		88.4		89.0	89.0		6	89.0	89.0	89.0
			88.4		1.68	89.7	89.7		90.3	6.06	90.3	0	90.3	90.3	6006	90.3
1000			89.0	89.7	0		6.06	90.3	:	-		-		-	91.0	
					•		91.0	-	91.6	91.6	91.6		-		91.6	
8		85.8	0.68	0	91.0	91.0	-	91.0	:	91.6	91.6	-		91.6	9116	91.6
			89.7		65.6	•	92.9	92.9	93.6	93.6	93.6			3.	93.6	93.6
8		86.5	89.7	91.6		92.9	2.			•	94.2	4	34.5	94.2	2.46	
			90.3		2.46	2.76		96.1	96.8	8.96		8.96	96.8	95.8	96.8	
9		86.5	91.0		98.5	95.5	1.96	4.76	98.1	7.86	98.7		98.7		7.86	98.7
		86.5	•	93.6	95.5				98.1	98.7	98.7		98.7	98.7	98.7	
200		86.5	91.0		1.96	96.1		-	48.7	-		466	99.4	99.4	99.4	99.4
901			91.0	93.6			8.96	98.1	7.86	4.66	4.66	7.66	7.66	10000	0000	0.001
					-											

0 0 0 0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1 S T ) NAP

2.0 2.4 2.5 2.4 2.7 22% 2.2 2.1% 2.1% 2.1 2.% 2.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56	CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
22.6. 68.4 68.4 68.4 69.0 69.7 70.3 77.3 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0	(FEET)			S AI	4						- -	1	-		3	1	٨١
05.6 68.4 68.4 68.4 69.0 69.7 69.7 70.3 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0	NO CEILING				4.		3	3				9	9		9		
10.000   62.6   68.4   68.4   69.0   69.7   70.3   70.3   71.0	≥ 20000		N		8.		6	6	.0	0	-	1.	-	-	-	-	71.6
05.6 66.4 68.4 68.4 69.0 69.7 69.7 70.3 70.3 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0	N 18000		2.		8		6	.6		0	-	1.	•	1.	1:	-	•
11000 62.6 68.4 68.4 68.4 68.0 69.0 70.3 70.3 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0	N 16000		62.6	68	8		6	6	0	0	-	-	•	-	-	:	71.6
10.000   62.6   68.4   68.4   69.0   69.7   69.7   70.3   71.0	N 14000		62.6	68.			6	6		0	=	-		:		-	71.6
10000   65.8   71.6   72.3   72.9   73.6   74.2   74.2   74.8   74.8   74.8   74.8   74.8   74.8   75.8   75.3   72.9   73.6   73.6   74.2   74.2   74.3   74.8	2 12000		9.29	68				6		0	-	:	•	:		•	71.6
65.6   71.6   72.3   72.9   73.6   74.2   74.2   74.8			65.8	=				3.		*	4			;			75.5
8000         69.0         74.6         75.5         76.1         76.6         77.4         77.4         77.4         77.4         77.4         77.4         77.4         78.1         78.1         78.7         78.7         78.7         78.7         78.7         78.7         78.7         78.7         78.7         78.7         78.7         78.7         78.7         78.7         79.4         79.4         79.4         79.4         79.4         80.7         80.2         80.7         79.4         79.4         79.4         79.4         80.7         80.7         80.7         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         79.4         80.7 <th< td=""><td></td><td></td><td>65.8</td><td>:</td><td></td><td></td><td></td><td>3</td><td></td><td></td><td></td><td></td><td></td><td>;</td><td>•</td><td></td><td>75.5</td></th<>			65.8	:				3						;	•		75.5
7000 69.7 75.5 76.1 76.8 77.4 77.4 78.1 78.1 78.7 78.7 78.7 78.7 78.7 78.7			0.69	74.				.9		-		8	8	8			78.7
5000         70.3         76.1         76.8         77.4         78.1         78.1         78.1         78.1         78.1         78.1         78.1         78.2         79.4         80.0         30.0         70.4         79.4         79.4         79.4         79.4         79.4         80.0 <th< td=""><td></td><td></td><td>69.7</td><td>75.</td><td></td><td></td><td></td><td>1.</td><td></td><td>8</td><td></td><td>8</td><td>8</td><td></td><td></td><td></td><td>79.4</td></th<>			69.7	75.				1.		8		8	8				79.4
70.3 76.1 76.8 77.4 78.1 78.1 78.7 78.7 79.4 79.4 79.4 79.4 79.4 80.  10.3 76.1 76.8 77.4 78.1 78.1 78.7 78.7 79.4 79.4 79.4 79.4 79.4 80.  10.3 76.1 76.8 77.4 78.1 78.1 78.7 78.7 79.4 79.4 79.4 79.4 79.4 80.  10.3 76.1 76.8 77.4 78.1 78.1 78.7 78.7 79.4 79.4 79.4 79.4 79.4 80.  10.3 76.1 76.8 77.4 78.1 78.1 78.1 78.7 79.4 79.4 79.4 79.4 79.4 80.  10.3 76.2 80.0 80.7 81.9 82.6 82.6 82.6 83.2 83.2 83.2 83.2 83.2 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9	1		69.7	75.	9			7		8			8				79.4
4500 70.3 76.1 76.8 77.4 78.1 78.7 79.4 79.4 79.4 79.4 79.4 79.4 79.4 80.0  3500 70.3 76.1 76.8 77.4 78.1 78.1 78.7 79.4 79.4 79.4 79.4 79.4 79.4 80.0  3500 70.3 76.1 76.8 77.4 78.1 78.1 78.7 79.4 79.4 79.4 79.4 79.4 79.4 80.0  3500 71.6 77.4 78.1 78.1 78.1 78.1 78.7 79.4 80.0 80.7 80.7 80.7 80.7 81.0  3500 74.2 80.0 80.7 81.9 81.9 82.6 83.2 83.2 83.9 83.9 83.9 83.9 83.9 83.8 83.0  3600 74.2 80.0 80.7 81.9 82.6 83.2 83.2 83.9 84.5 84.5 84.5 84.5 84.5 83.6 83.0  3600 76.1 81.9 83.2 85.2 85.2 83.2 83.9 84.5 84.5 84.5 84.5 84.5 84.9 83.9  3600 76.1 81.9 83.2 85.2 87.1 87.7 86.9 86.9 87.1 87.7 87.7 87.7 87.7 87.7 87.7 87.7			70.3	76.				8			6						80.0
70.3 76.1 76.8 77.4 78.1 78.1 78.7 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79			70.3	76.	.9		8	8	8	8	6		6	6	6		80.0
71.6 77.4 76.1 76.8 77.4 78.1 78.1 78.7 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79			70.3	26.			8		8		6			6			ò
71.6 77.4 78.1 78.7 79.4 79.4 80.0 80.0 80.7 80.7 80.7 80.7 80.7 81.8 10.0 10.0 10.0 10.0 10.0 10.0 10.0			70.3	76.	. 9				8		6		6		6		80.0
74.2 80.0 80.7 81.9 81.9 82.6 82.6 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.9 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5			71.6	77.	8		6	6		0			0	0			:
74.2 80.0 80.7 81.9 82.6 83.2 83.2 83.9 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5			74.2	80.	.0		-	-	2	2			3		3		83.9
1300         74.2         80.0         80.7         82.6         83.2         83.2         83.9         84.5 <th< td=""><td></td><td></td><td>74.2</td><td>80.</td><td>0</td><td></td><td>2.</td><td>2</td><td></td><td></td><td>3.</td><td></td><td>3</td><td></td><td>3</td><td></td><td></td></th<>			74.2	80.	0		2.	2			3.		3		3		
76.1 81.9 83.2 85.2 85.8 86.5 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1			74.2	80.	0	2	3.	3	3	3	;	•	4	4.			85.2
76.8 82.6 83.9 85.8 86.5 87.1 87.1 87.7 87.7 87.7 87.7 87.7 87.7			76.1	8	3.	3	5	2	9	. 9			-	1.			
78.1 83.9 85.2 87.1 87.7 87.7 88.4 88.4 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0		11			3.	5.			7.	-	7.			1.	1.		
700 78.7 85.2 87.1 89.0 89.7 90.3 90.3 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0			78.1			-	-	-		8	6	•	6	6			
79.4 86.5 89.0 91.0 91.6 92.3 92.9 92.9 92.9 92.9 92.9 93.  79.4 86.5 89.0 91.0 91.6 91.6 92.3 92.9 92.9 92.9 92.9 93.  79.4 86.5 89.0 91.0 91.6 91.6 92.3 92.9 92.9 92.9 92.9 93.  79.4 87.1 89.7 92.3 92.9 93.6 94.2 94.2 94.8 94.8 94.8 94.8 94.8 95.8 95.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97			78.7			6	6	6	0		-		1.	:	-1	-	91.6
700 79.4 86.5 89.0 91.0 91.6 92.3 92.3 92.9 92.9 92.9 92.9 93.0 93.0 79.4 86.5 89.0 91.0 91.6 92.3 92.3 92.9 92.9 92.9 92.9 93.0 93.0 79.4 86.5 89.0 91.0 91.6 91.6 92.3 92.3 92.9 92.9 92.9 92.9 92.9 93.0 79.4 87.1 89.7 92.3 92.9 93.6 94.2 94.2 94.2 94.8 94.8 94.8 94.8 94.8 95.0 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 97.4 99.0 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 97.4 97.1 97.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4			79.4		6	-	-	=	2	2	2		3	2	2.	40.00	93.6
79.4 86.5 89.0 91.0 91.6 92.3 92.9 92.9 92.9 92.9 92.9 93.  79.4 86.5 89.0 91.0 91.6 91.6 92.3 92.9 92.9 92.9 92.9 93.9  79.4 87.1 89.7 92.3 92.9 93.6 94.2 94.8 94.8 94.8 94.8 94.8 95.8  79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.9  79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 97.4 99.0  79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 97.4 99.0					6	:	-	-	2.	2	2		2.	2.	2		93.6
300       79.4 86.5 89.0 91.0 91.6 91.6 92.3 92.3 92.9 92.9 92.9 92.9 92.9 93.         300       79.4 87.1 89.7 92.3 92.9 93.6 94.2 94.2 94.8 94.8 94.8 94.8 94.8 97.8         300       79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.         100       79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.         100       79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.			79.4		6	-	-	-	2.	2	2		2	5	-		93.6
79.4 87.1 89.7 92.3 92.9 93.6 94.2 94.8 94.8 94.8 94.8 94.8 95.8 95.8 94.8 95.8 95.8 97.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8 95					6	-	-	-	2.	2	~		2.	2	_		93.6
200 79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97			79.4			2.	2		*	;	*	•	*	;		ŝ	
79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0 79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 96.8 97.4 99.0			79.4		6	2.		*	5	s.	.9		9				97.4
100 79.4 87.1 89.7 92.3 92.9 94.2 95.5 96.8 96.8 96.8 96.8 97.4 9						3	~			3	•					-	97.4
0 79.4 87.1 89.7 92.3 92.9 94.2 95.5 95.5 96.8 96.8 96.8 95.8 97.4 9				87.1		2.	2.			5	•		•	•	-		4.66
			6	87.1		2	2	*		3			•		97.4		00001

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) JAN

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	2	41	S AI	7 1	E AI	2 2%	2 4	¥1 Y1	¥1 ¥	Ā	× AI	*	N %	2 5/16	% Al	AI
NO CEILING		41.9		44.8	45.8	5			0	47.5				48.6	48.9	6.0
> 20000			•	54.4	55.7	55.8	56.1	50.0	57.0	57.7		58.2	58.8	59.0		60.4
V 18000					55.7	5.			7.	57.7	8				6	60.4
2 16000				54.4	55.7	5	56.1		-	57.7			58,8	59.0	59.4	60.4
					0		9	57.2		•	8		6		6	60
2 12000		51.9	55.3	55.9	57.2	57.3	57.6	58.3	58.8	59.1			60.2	4.09	0	61.9
			•		-	-	1		2		3	3.		4.	3	66.1
000		55.1	59.0	6.65	61.5	61.5	6.19	62.7	62.8	•	*	*		64.8		
1					4	4.	3.		0	-	1			•	6	
7000			62.6	63.6	65.3	65.4	1.99	6.99	67.0	61.9	68.3	68.4	69.1	69.3	8.69	70.
1		58.6	•		3		. 9	.0			8	8		6	6	70.
000 1 A1		29.0				9		67.7	-					70.1	0	71.5
1		59.1				9	-		8	00	6	6			0	
904		59.8	64.0	65.2	67.1	67.2	61.9	68.9	8	1.69	0	70.2		71.1	-	72.5
1				65.7	-		8	6	6	0	0				2	73.1
3000		62.3		67.9		6.69	0	71.4	-	72.5	3	3	73.7	73.9	;	75.4
		9.99		0	2.		3		*		5	3.	0		9	77.9
2000		999	70.7	72.1	74.1	74.3	75.1	75.8	76.0	76.9	77.3	77.4	78.2	78.3	78.9	79.9
		-			4	74.7	3	.0	0			-	78.6		6	80.3
1500		-		74.4		16.9	-		8	•	0	0	81.1	81.2	-	
		68.89	73.9		8	78.3			0	-	-	•	82.5	82.7	3	84.3
2 1000			75.0	77.0	19.5	6	80.7	81.5	81.7	82.7	3	83.2	84.0	84.1	84.7	85.7
		-		77.7	•	90.4		82.3	82.5	•		•	84.8	84.9	85.5	86.5
8		70.8			-			83.5	3	4	3		85.9			87.7
		71.1	•	79.3	81.9	82.1	83.4		4.	•	3	86.0	86.7	86.9	87.4	88.9
9			77.1	80.0	82.7	83.0		85.3	85.5	.9	87.0	87.1	87.8		88.6	-
									0	88.2	8			89.5	0	91.1
907		72.2	78.2	81.4	85.0	85.3	87.2	88.5	88.6	90.1		40.1	91.4	91.5	2.	93.2
		72.3	78.3	81.6	85.5	85.8	87.9	89.4	0	91.3	-		92.7	95.8	93.5	94.7
100		72.3	78.4	81.8	85.9	86.2		90.2	90.3	92.5	3	63.3	4.46	94.7		
81		72.3	78.4	81.8	85.9	86.2	88.6	2.06	80.3	92.5	93.2	93.3	94.7	95.2	96.2	98.1
٨١			78.4	81.8	85.9	86.2			90.3		93.2	93.3	4.7	95.2	;	

0

0

0

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

1240

3

E

0

0

93832

0

0

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (1 S T.) FEB

CEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)							
(FEET)	2	4 AI	8 41	41	E AI	2 2%	2 2	N 1%	¥1 Y	Ā	% Al	*	Z AI	≥ 5/16	AI	AI	
NO CEILING		55.3	\$9.6	-		3	0	6.	0	8		68.1	8	00		0	80
≥ 20000		62.4		0	;	74.5	•		•			78.7	78.7	78.7		79.	4
		62.4		0	;	*	.9		.0		8			8		-	4
7 16000		62.4		0	;		•		•					78.7		_	4
		62.4		0	;		9	0	.0	8					78.	-	4
12000		62.4	69.5	10.9	74.5	74.5	76.6	76.6	76.6	78.7	78.7	78.7	78.7	78.7	78.	7 79.	4
1				*	8	8	0	0	0	2.	2.	2.		2.	82.	83	0
0006		66.0						0	0	2	3	2		2	82.		0
1		68.1	75.2	9	ò	0	2	2	2	;	;	*			84.	85	-
7000		69.5			:	-		3	*	3	3	3		3	85.	86	
1				8				83.7		5	5.			85.8	85.	3 86.	5
2000					:	-	3.				3	3		3	85.	86	
1		66.8		50	-	-	3		-	5	3.	2		5	85.	86	
4000				8	3	N	4	;	*						86.	87	
				6	3	3	5	5.	5.	2	-	:		-	87.	87	
3000							5		5	-	-	-		-	87.	87	
1							5	3	5	-	-				87.	88	
7 2000		73.1	0	2	3	3	-	-	-	0	:				90.	8	
				2.	2	5	7.			0	0			0	90.	0	80
1500			:		-		6		6	-	:	-		:	91.	92	
			-		-		6		6	:	:	:		-	91.	92	
0001					-	-	0	0	0	3	5	5		3.	92.	92	
			3	*	-	2.	0	0	0	2.	2.	2.		2	92.	92	0
8		77.3			0	0	2	2	2	5	2				95.	0	~
			3	-	0	0	3	6	3.		3	3		5	95.	96	
8			3		-	-	*	;	*	•		;		;	96	0	2
			3		-	-	3	5	3	-	-	:		:	97.	91	
904		78.0		7.	-	-	5	3	3	:	7.				97.	0	0
		78.7		8	2.		3	5	5	-	-			-	97.	0	•
700		78.7	÷	8.	2	2	10	5	3	-	1:	-		:	97.	0	9
		78.7			2.	2		5		7.	-	•		-	97.	0	9
٥			;		3	2	*	5.	3	-	-	-	•	-	99.	2	0

0

0

TOTAL NUMBER OF OBSERVATIONS

141

0

0

93832 STATION

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

0

YEARS

90 SHOOM F EB

999

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

Al AI

۸۱

۸۱

7

2% A

N Al

۸۱

N Al

AI

2 AI

(FEET)

NO CEILING

2000

57.5

24.6

51.8 56.0

68.89 68.8 88.89 68.89

66.0 68.8

63.8

01.0

9.65

48.9

48.9

9.69

59.6 61.0

56.0

48.9

44.7

63.8 65.3 66.0 68.8

71.6

68.89

٨١

٨I

2 5/16

2 AI

AI

68.89 8.89 69.5 8.89

8.89

69.5

66.0 68.8

68.8 69.5

68.8 69.8 71.6 75.2

71.6

71.6 9:1

72.3 74.5 71.6 77.3 71.6 75.2

71.6

71.6

71.6 75.2

75.5

72.3

71.6

67.4 70.2

71.6

71.6

71.6

8.89 68.89

68.1

56.7

62.4 63.8

58.9 58.9

51.8

47.5

48.4

V V V

51.8

47.5

900

AI AI

68.1

63.8

62.4 0.99

0.99

63.8 64.5

61.0

0.95

48.9 49.7

56.7

78.0 80.1 77.3 77.3 77.3 77.3 77.3 77.3 77.3 77.3

17.3

77.3 77.3 77.3 78.0 78.0

77.3

74.5

69.5 72.3

68.1

64.5

57.5

52.5

9000

ALAI

57.5

77.3

77.3

77.3

74.5 77.3

72.3 73.8

69.5

68.1

62.4 64.5 64.5

55.3

50.4 52.5 52.5

2000

ALAI

57.5

17.3

17.3

77.3

77.3 77.3

74.5

73.8 73.8

69.5 72.3

68.1

82.3 80.9 78.0 19.4 78.0 78.0

78.0

78.0

78.0 19.4

78.0

78.0

75.2

78.0

79.4

4.61

79.4

81.6

81.6

81.6

78.7

78.0

76.6 77.3

72.3

69.8

61.7

56.7

2500

AI AI

70.2

65.3

89.6

54.6

58.5

53.2

3500

ALA

0

16.6

75.9

74.5

70.2 11.6 73.8

68.89

82.3 82.3 83.7

82.3

19.4 80.9

78.7

74.5

73.1

69.8

45.4

57.5

83.7

83.7 86.5

80.1 83.0

78.7 81.6

74.5

73.8

63.8 0.99

58.9 61.0

900

AI AI

0

77.3

77.3

77.3

74.5

73.8

72.3

70.2

68.8

65.3

58.5

53.2

73.1 73.1 74.5

77.3

77.3

74.5

73.8

72.3

69.5

68.1

64.5 64.5

57.5

52.5

57.5

52.5

4500

AI AI

0

84.4 82.3 81.6 78.0 19.4

83.7

86.5 82.3 81.6

87.2

88.7

87.2

88.7

88.7

85.8 88.7 89.4

85.1

84.4

86.5

85.8 86.5

84.4 87.2

83.7

81.6

19.4

78.0

74.5

66.7

61.7

8 9

AI AI

0

80.9

79.4

78.9

68.1

63.1

88

ALAI

86.5

86.5 87.2

83.7

89.4

4.68

90.1

90.1

90.1

87.2 86.5 83.7

89.4 4.68

91.5

88.7 4.68 88.7 86.5 87.2 1.06

83.7 82.3

81.6

90.1 8.06 1.06

8.06

8.06

8.06

87.2 87.9 90.8

85.8 86.5

85.1

81.6 83.0

80.9

77.3

69.5

64.5

77.3

69.5

64.5 65.3

88

ALAI

0

78.0 78.0

70.2

70.2 70.2

65.3

88

ALAI

0

65.3 65.3

88

AI AI

80.1

76.6

68.8

63.8

61.5 2.26

8.06 91.5 91.5

> 91.5 92.2

6.46

6.46

92.2

4.68

87.2

84.4

83.0

85.1

83.7

94.3

8.06

1.06

87.9

78.0

78.0

65.3

80

AI AI

78.0

90.1

64.3

6.46

94.3

90.1

186 3

TOTAL NUMBER OF OBSERVATIONS

141

8

SMOS

DIRNAVOCEANMET

70.2 70.2 72.3

1.89

68.1

68.1

0.99

65.3

4.10

4.19

4.19

64.5 65.3

1.99

68.1

1.89

0.99

### **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

N N

٨١

٨١

Al

2 Al

(FEET)

NO CEILING

20000

44.0

40.4 40.4

35.5

35.5

18000 14000

44.0 0.44

44.7

41.1

36.2

12000

35.5

43.3 43.3

38.3

38.3

000 000 000

AI AI

YEARS

HOURS (L S.T.) FEB 07

68.8 ٨١ 99.65 62.4 60.3 0.99 62.4 66.7 ٨١ 59.6 9.65 62.4 99.65 6009 62.4 62.4 66.7 2 5/16 29.6 4.29 0.99 59.6 66.7 60.3 2 57.5 58.2 57.5 59.6 60.3 64.5 57.5 6009 63.8 57.5 Al 9.65 63.1 63.8 56.7 56.7 56.1 AI 54.6 34.6 24.6 56.0 56.0 57.5 54.6 53.9 55.3 ٨١ 53.2 53.2 VI 72 86.0 53.5 53.2 17

65.3 59.6 61.0 61.0 61.0 62.4 63.1 63.1 61.7 61.7 60.3 58.9 59.6 61.0 61.7 61.7 29.6 52.5 53.5 55.3 55.3 6.09 52.5 52.5 7

24.6 53.2 47.5 53.9 46.8 46.8 46.8 46.8 40.8 47.5

0.19 0.99 63.1 63.8 55.3 60.3 55.3 58.2 24.6 58.2 55.3 51.5 53.9 55.3 49.1 49.7 53.5 46.3 46.8 51.8 50.4 51.1

47.5

46.0

40.0

2000

AI AI

5000

ALAI

4500

MIAIA

3500

AI AI

63.8 01. 4.29 63.8 60.3 61.1 56.0 58.2 52.5 52.5 53.2 53.9 53.9 57.5 50.4 6.84 49.7 48.9 32.5 53.9 48.2 41.8 45.6 45.6 45.0

90.66 61.7 55.3 45.4 46.8 46.8 63.3 48.2

2500

AI AI

1800

AI AI

900

AIAI

ALAI

0

78.0

75.9 77.3

75.9

75.9

73.1

71.6

69.5 70.2 71.6 73.8

56.1

67.4

68.89

68.8 70.2 72.3

74.5

14.5

79.4 81.6

80.9 83.0

80.9

80.9

78.0

75.2

73.8

73.8

73.1

67.4 68.8

4.10

72.3

71.6

0.99

0.99

69.5 68.1

70.2

79.4

19.4

19.4

16.6

75.9 77.3 79.4

77.3

17.3

74.5

73.8

83.0 85.1

83.0

83.0

80.1

88.7

86.5

86.5

86.5 86.5

83.7

63.0

80.9 80.9 80.9

79.4 79.4

78.7

72.3

72.3

68.1

83.7

83.7

83.7

80.9

80.1

78.0

16.6

16.6

75.9

69.5

69.5

65.3

68.8

64.5

75.9 77.3

15.9

75.2

86.5 88.7

86.5 86.5

86.5

86.3

83.7

83.0

83.7

83.0

4.61

4.64

78.7 78.7

12.3

72.3

79.4

19.4

72.3

72.3 73.1

88.7

85.1 85.8

80.9 83.0

6.08

1.08

90.8

88.7

1006 9006

90.1 8.06 92.2

1.06

87.2

86.5

82.3 82.3

82.3

81.6

81.6

73.8

82.3

81.6

73.8

73.8

8.06

91.5

73.1 75.2 76.6

40.0

400

10.9

68.8

68.1

64.5 66.0

64.5

70.2

70.2

70.2

68.1

65.3

63.8

63.8

73.1

73.1 74.5

73.1

4.07 72.3

70.2

68.1

66.7

66.7 68.1

> 58.9 63.1 9.69 57.5 60.3 49.7 51.1 51.8

63.1 51.8 24.6

55.3 55.3 24.6 54.6 88

68.1 68.1 63.1 63.1 55.3 55.3 88 88 2 30 ALAI AI AI ALAI

TOTAL NUMBER OF OBSERVATIONS

88.7

85.8

83.0

83.0

81.6

73.8

68.8

63.8

55.3

80

ALAI

13

91.6

13.8 73.8

83.0

141

0000

8

SMOS DIRNAVOCEANMET

CECIL PIELD, PLURIDA

THE SEATHER SERVICE DETACHMENT, ASHEVILLE, NO

73-

FEB BONTH 10 10 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000							VISI	VISIBILITY (STA	(STATUTE MILES)	ES)						
	2	AI .	S AI	4	e Al	> 2%	AI	VI %1	¥1 Y	- Al	% AI	* 1	Z AI	≥ 5/16	VI VI	٨١
NO CEILING		48.2	53.2	54.6	55.3	56.0	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7		57.5
		57.5	30		. 4	2 10			1				99		999	66.7
9009		57.5	1 0				3	3						. 9		
		57.5	2		4	5.	5	5	5	9	0	.0	0	9	9	
12000		60.3	i	66.7	7		*		8			8	. 8			69.5
1		61.7			6	0	ò		0		0	4.07	0		0	71.6
800		62.4	8	69.5	70.2							-			71.6	72.3
		65.3	0	72.3	3										•	75.2
7000		0.99	-	73.1								3				75.9
1		0.99			3		*				5	3	2		5	75.9
2000		66.7	2.	73.8	*		5	75.2			5	3			2	76.6
		1.99	2		*	5	5.	5	3	5	S	3	5		5	76.6
9		68.8	74.5	78.9			7.	77.3		•	8	78.0			78.0	
		58.8	*	15.9	•	-	1.		-	8		8			8	78.7
7 3000		70.9	-		6	ċ	·	0	0	ò	0	0	0	0	0	
1		72.3	78.		0		-	2.	~	3	3	3	4	•	3	83.7
7 2000		73.8	00		2.	3		3		*		4		*	*	
		74.5	-		3		3			5	3	3	5	3	2	
1500		78.0	00	86.5	-					6	89.4			6	6	90.1
		78.7	9		6		0	0	ċ	-	-	-	-		-	
90		79.4	-		0	-	-		2	3	2		3	2	2	93.6
		79.4	-		0		-	2		2	3	3	2.	3	2	
8		79.4	-		0	-	-	2	2	•	3	3		-	3	
		79.4	-	88.7	0		2	3	*	\$	;		*	*		
8		79.4	1.	88.7	0	2	2		3	*	;		4		;	
		80.1	-	4.68	-		2	*	*	5	'n	3.	0	5	Š	
8		80.1	87.9	89.4	-	93.6		45.7		-	-		97.2		-	
		80.1	-	9.68	2	6.46	3		1	6	6	6	6	6	6	100.0
7 200		80.1	1.			84.3	95.0	7.	2	6	99.3		6	6		100.0
		80.1	87.9	4.68		6.46	3	97.9	61.6	66.3	66.3	66.3	66.3	66.3	66.3	100.0
0		80.1	87.9	89.4		94.3		97.9	-	_			66.3		99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

141

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH

E

63

13 NOUNS (1 S T )

87.9 92.2 99.3100.0100.0100.0100.0 99.3100.0100.0100.0100.0 99.3100.0100.0100.0100.0 97.9 97.9 83.7 ٥ ٨ 65.3 98.6 40.04 94.3 96.5 8.89 70.9 71.6 73.1 63.1 400 72.3 73.1 79.4 87.9 88.7 92.2 63.1 95.7 98.7 83.7 98.6 68.8 92.2 98.6 98.6 98.6 40.0 70.9 40.0 71.6 72.3 73.1 73.1 79.4 83.7 87.9 88.7 6.46 96.5 97.9 98.6 63.1 95.7 63.1 63.1 65.3 95.7 68.1 63.1 2 5/16 79.4 98.6 63.1 63.1 65.3 68.8 72.3 92.2 64.3 40.0 40.0 6.01 71.6 73.1 96.5 68.1 87.9 97.9 98.6 95.7 95.7 83.7 AI 98.8 79.4 61.6 6.07 6.01 71.6 72.3 88.7 95.7 98.6 8.89 40.0 73.1 92.2 63.1 65.3 87.9 64.3 95.7 63.1 63.1 73.1 96.5 1.89 83.7 ٨I 6.46 98.6 66.3 79.4 92.2 96.5 63.1 8.89 4.07 71.6 72.3 73.1 87.9 65.3 70.9 6.96 400 88.7 95.7 95.7 83.7 68.1 98.6 63.1 96.5 97.9 97.9 98.6 98.6 63.1 68.8 4.07 4.67 95.7 97.9 97.9 98.6 98.6 98.6 70.9 4.07 71.6 72.3 73.1 88.7 92.2 96.5 6.46 73.1 63.1 65.3 87.9 93.6 94.3 95.7 68.1 83.7 ٨I VISIBILITY (STATUTE MILES) 95.0 65.3 73.1 91.5 71.6 63.1 68.8 40.0 72.3 73.1 79.4 87.9 88.7 97.2 97.9 40.0 40.0 83.7 95.0 95.0 97.9 97.9 6.16 68.1 95.7 7 68.8 40.04 4.01 72.3 88.7 88.7 97.2 6.76 40.01 71.6 73.1 93.6 0.56 63.1 91.5 97.9 73.1 83.7 79.4 87.9 87.9 95.7 4.07 91.5 93.6 72.3 6.07 5.07 92.9 93.6 96.5 58.8 73.1 79.4 96.5 63.1 65.3 83.7 6.46 96.5 63.1 68.1 95.7 96.5 63.1 65.3 93.6 95.0 95.0 71.6 94.3 70.9 10.9 72.3 73.1 87.9 95.0 95.0 4001 73.1 91.5 68.1 68.89 92.9 63.1 88.7 88.7 83.7 1 2% 68.8 73.1 93.6 61.5 0.56 63.1 4.07 40.0 71.6 72.3 73.1 19.4 6.26 95.9 93.6 95.0 95.0 65.3 10.9 87.9 6.46 95.0 68.1 95.0 95.0 95.0 0.56 83.7 68.8 65.3 73.1 93.6 94.3 40.01 10.9 71.6 73.1 87.9 88.7 8.06 92.2 92.9 64.3 64.3 63.1 4.64 94.3 4.01 72.3 6.76 83.7 4 71.6 88.7 6.46 63.1 63.1 65.3 68.8 73.1 8.06 65.6 93.6 6.96 73.1 6.46 63.1 40.04 6.26 6.96 6.46 68.1 40.0 40.0 72.3 4.64 87.9 2.26 83.7 6.46 86.5 67.4 71.6 92.2 63.8 69.8 69.5 69.5 6.01 71.6 82.3 67.2 88.7 8.06 8.06 91.5 3.26 92.2 92.2 2.26 92.2 70.2 1.06 92.2 92.2 66.7 61.1 AI 2 NO CEILING VI VI 0008 1 VI 0008 2000 80 CEILING (FEET) 12000 VI VI 80 80 80 80 80 2000 900 4500 3000 900 88 88 ¥ 20000 1500 88 88 ALAI AI AI ALAI AI AI ALAI ALAI AIAI AIAI

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

141

3

(1)

SMOS DIRNAVOCEANMET

10

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4 5 NO -0 5 5 N N M M - 5 0 0 0 F N 0 0 0 16 HOURS (L S T.) FEB HONTH

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
	5 70	9 Al	ss Al	<b>4</b>	AI	> 2%	7	۲۷ ۱۷	¥1 YI	Ã	% Al	*	Z Al	2 5/16	× 11	Al
O CEILING		49.7	51.1	51.8	51.8	51.8	51.8	52.5	2	52.5	52.5	52.5	52.5	52.5	52.5	52
≥ 20000		•	60.3	61.0	61.0	61.0	61.0		61.7	61.7	61.7		61.7	61.7	61.7	7
≥ 18000			60.3	61.0	61.0	1.	-	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	19
00091 ~		58.9	60.3	61.0	61.0	61.0	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	6
14000			61.0	61.7	61.7	61.7	:	62.4	4.29	62.4	62.4	62.4		62.4	62.4	62
> 12000		61.7	c	63.8		63.8	63.8	64.3	•	64.5	64.5	64.5	64.5	64.5	64.5	40
		67.4	9	60.5	6	0	69.5	70.2		70.2	70.2	70.2			70.2	70
000		68.1	69.5	70.2	70.2	70.2	70.2	70.9	70.9		40.0	4004	70.9	70.9	70.9	70
		70.2	-	72.3	2.	72.3	2.									73
7000		40.0	72.3	73.1		73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73
1		70.9	-					73.8			73.8				73.8	73.
2000		71.6	-	73.8		73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74
		72.3	73.	74.5			*					2	75.2			75
900		74.5	75.9	16.6	;	16.6	76.6	77.3		77.3	77.3	77.3	77.3	77.3	77.3	7
		74.5	5.	16.5	0		9	77.3					-			-
3000			83.7	84.4	84.4	4.40	84.4	85.1	85.1	85.1	85.1	85.1		3.	85.1	85
1		87.9	6	1.06		0	90.1	90.8		ò		0	0	•	8.06	
7 2000		90.1	-	92.2	2.26	92.2	2		2	92.9	6.26		6.26	6.26	95.9	92.
		1.06			92.2	2.		65.6	2	65.6	95.9		2	92.9	92.9	92.
1500		91.5		93.6	*	64.3						95.0	3	95.0	95.0	95
		91.8	2.	6.36	0.56	0.56	0.56	48.7	3	45.7	95.7	95.7	95.7	45.7	95.7	95
0001 ~1		92.2							-	-		97.2	1	-		97.
		92.2		6.96	1.		97.2	6.16	6.16	•	-	6.16		97.9	61.6	97
8			;	96.5	-	97.2	-	97.6	-	-	6.16	97.9	-	97.9	97.9	97
			64.3	96.5		97.2		61.6	6.46	61.6	6.16	61.6	61.6	6.46	97.9	97.
8		2.	95.0	97.2	6.16	97.9	7.	98.6	8	99.3	66.3	66.3		99.3	66.3	66
		92.2		97.2	2	6.46	6.46	98.6	98.6	66.3	66.3		6	•	66.3	66
8			95.0	97.2	6.16	97.9	6.16	98.6	98.6		66.3	66.3	86.3	99.3	99.3	66
		92.2		21.5	1.	6.46	61.6	98.6		66.3		66.3	66.3	66.3	66.3	66
38		92.2	95.0	97.2	61.6	97.9	6.46	98.6	98.6	66.3	66.3	99.3	00.00	10000	0000	001
8 4		2.	0.56	97.2		6.46	-		99.6	99.3		£ . 66	0.00	0000	0000	001
0 1		92.2	95.0	97.2	61.6	97.9	97.9	98.6	98.6	66.3	99.3	99.3	0.00	0.001	00.00	001

TOTAL NUMBER OF OBSERVATIONS

141

3

8808

SMOS DIRNAVOCEANMET

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

19 HOURS (1.5.7.)

2

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) CECIL FIELD, FLORIDA

0			5	703		EI	LIN	IG V	/EF	RSU	s v	ısı	BIL	IT.	Y	JAI	N 78																
	٨١			-	72.3			80.1		83.0	83.0	83.0		83.7	84.4		87.9		92.2		64.3				97.9	97.9	97.9	98.6	66.6			00.00	
	AI	56.7		71.6	72.3	•	75.2	0	0	83.0	3.	83.0	3	83.7	;	85.1	-	6	92.2		;										•	0	00.00
	2 5/16	56.7	71.6	•	72.3	3.	75.2		80.1	83.0		83.0		83.7	84.4		87.9		92.2									98.6		10000	0	0000	
	N %	56.7	-	71.6	72.3	73.	-	0	0	83.0	3	83.0			*		87.9	6	3	7		2	3	95.7	-		-	98.6	•	0.001	100	4	•
	*	56.7	71.	1	72.	73.	-	80.	80.	83	83.	83	8	83	60	85.	87.	89	92.	92.	94.	95.	0	95.	0	97.	0	.86		100.0	100	100	100.0
	% Al	56.1	-	1	72.	73.	-	80.	80.		83.		83.	83.	00	85.	87.	89.	6	92.	94.	95.	95.	95.	97.	97.	97.	98.6	99.	10	100	100	100.0
(Sa)	ŽĮ.	50	71.	-	72.	73.	-	00	80.	83.0	83.	-	83.	00	84.	30	87.	89.	0	92.	0	95.	95.	95.	97.	97.	97.	0	.66	0	0		100.0
VISIBILITY (STATUTE MILES	¥1 ×1	56.	70.	70.	71.6	72.	74.	79.	79.		82.	82.	83.	63.	83.	84.	8	88	91.	92.	93.	0	95.	95.	97.2	97.	97.	97.	_	0	0		0
ISIBILITY (S	V 1%	56.	70.	70.	-	72.	74.	79.	79.	_	82.	82.3	83.	_	83.	84.	00	88.	-	92.	0	-	95.	95.	0	97.	97.	97.	0	98.	98.	98.6	98.
>	۲ ۱	56.	70.	70.	9.17 9	72.	74.	6	79.	3 82.3	82.	•	00		83.	84.	8	88.	5 91.5	92.	93.	. 4	95.	95.	0	97.	97.		0	9.86 6	98.	9 98.6	98.
	≥ 2%	56.	70.	70.	71.	72.	74.	79.	79.	6 82.	82.	82.	3	83.	83.	84.	87.	88.	-	92.	93.	94.	94.	94.	.0	96.	9	97.	97.	. 46	97.	•	97.
	٨١	56.	70.	70.	70.	71.	73.	78.	78.	81.	81.	81.	82.	82.	83.	83.	86.	87.	90.	91.	.26	93.	93.	93.	95.	95.	95.	.96	96	96 0	.96		96
	AI .	56.		70.	9 70.	713.			7 78.	81	6 81	6 81.	3 82	3 82	68 0	7 83	in	9 87	06	16	3 92	6 92	9 92	6 92	3 94	3 94	3 94			0 95.	0 95.	0 95.	0 95.
	AI	56.	5 70.	5 70.	2 70.	9 71.	1 73.	0	0	9 81.	81.	0	5	9	3 83	-	œ	2 87.	~	16 9	-	8 92.	•		2	5	-	2 95	2 95	2 95.	2 95.	-56 2	2
	٨١	55.	69	69	70.	70.	73.	78.	78.	80.	80.	80.	81.	81.	82.	83.	85.	87.	88.	89	90.	90.	90.	90.	91.	91.	91.	92.	92.	92.	92.	.26	
	71	6																															
CEILING	(FE)	NO CEILING	≥ 20000		≥ 16000		7 12000		00 AI		7000		2000		141		300		7000		1500		1000		8		8		8		1 200	9	٥ ٨١

0

TOTAL NUMBER OF OBSERVATIONS

141

SMOS DIRNAVOCEANMET

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2

FE B

						1										
CEILING							VISI	VISIBILITY (STA	(STATUTE MILES)	£S)						
(FEET)	2	41	\$ 41	4	8	1 2%	1 A	VI VI	¥1 VI	- -	× AI	*	× AI	≥ 5/16	AI	٨١
NO CEILING		66.7	10.9	72.3	3	3		73.1	73.1	73.8	73.8	3.	9			
1 20000		3		-	2	3	2.	2.	3	3	3	3			3	
		3		:	5		2	2	2	3.	3	3	3	3	3	83.0
7 16000		3	80.1	-	?		2		2	•	3	•		3	3	
		5			2.		2.		2.		3	3			3.	83.0
2 12000		76.6		82.3	83.0	3					3	*	3	3	3	83.7
		78.7		*	5		3	5	S		3		5		3	
000		78.7		84.4	85.1		5	85.1	3	85.8	5	85.8	85.8	85.8	85.8	85.8
		80.1		3.	9	86.5	9		•	1.			-		-	
000		82.3	86.5	87.9	88.7	88.7	88.7	88.7	88.7	4.68	4.68	6			89.4	89.4
		2			8			8	8	-	6	89.4	6	89.4	6	
9000		82.3		87.9				88.7		4.68	89.4	6	4.68	6	89.4	89.4
					8			8	8	.6	6	6	6	89.4	6	
900		83.0		88.7	6	6	6	6	6		1.06	90.1	0		0	
					6	6	6	6	6	0	0	0	0	0	0	
3000		83.7		4.68	0	0	0		0	91.5	:	-	91.5	-	91.5	91.5
		5		90.8	92.2				2.		92.9	2.	2.	2.	2.	
7 2000		87.2			3	5	3		2		è		3	3	3	3
1		87.2		93.6	5	98.0	5	0.66	3	95.7	3	45.7	95.7	95.7	95.7	95.7
2 1500		-			5.		5	5	3		96.5	è	•	9		
		87.9		6.46	5	5	3		3	•	.0	•		9	•	;
000					;						-		-	-	-	
		89.4		48.7		-	1.		-		2	-	-	7.	-	
8 Al		89.4			-		-	-	-			98.6		8	8	
		89.4	6.40	48.7		•	-		1.	98.6	8	98.6			8	98.6
8		89.4	*		-	7	-	-	-		8					
		89.4	6.96	48.7	1.	-	7.		7.	98.6	8			98.6		98.6
84					-		-		7.		8.		8.			
2 300		9.68	6.46	48.1	7.	6.76		6.16		8.	8	98.6		98.6	8	98.6
1A 30		4.68	:	48.7	97.9	-	6.16	-	97.9	98.6	66.3	6	99.3	6	6	99.3
8		89.4	6.46	95.7	-	97.9		6.16	97.9	-		99.3		66.3		99.3
0		89.4	64.3		1:		1:	97.9	-	-	6	66.3	6	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) FEB HONTH

900

CEILING							VIS	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEET)	5	o Al	81	AI AI	21	> 2%	7 4	¥1 ¥1	VI 2.	-	AI N	*	Z Al	≥ 5/16	AI N	AI
NO CEILING		50.3	53.	55.1	56.3	56.5	57.7	58.1	58.2	59.0	59.3	59.4	59.6	59.6	59.6	.09
> 20000		58.5	6119	63.8		65.6	6.99	67.3	67.4		8	68.8		69.1	1.69	69.6
> 18000		58.5	61.	-	65.3	•	6.99		67.4	4.89		8	1.69	6	69.1	69.
14000		58.3	.29	63.6	65.3	3		67.4	-	68.5			6	69.5	2.69	69.
> 14000		58.5	62.	64.1	5	6.59			67.6	68.7			69.3		6	70.0
7 12000		56.6	63.6	65.5	6.99	67.3	68.6	6	69.1	70.1	70.4	70.5	70.7	70.7	70.7	71.
V 10000				68.7	0	10.5							73.9		73.9	
0006		63.3		0.69	70.4	70.7	72.1	72.4	72.5			13.9	•	74.2		75.0
		9.59	0.69		3			75.0	3						•	77.6
7000		9.99		72.5	73.9	74.3	5	76.0		•				77.8		78.
1		66.7			. 4			76.1	76.2			17.6				78.6
9000		67.1		73.1	. 4	74.8		100					78.3		78.3	19.
		67.3		73.2	74.1		.0	+						78.5		19.
900		2.89	72.3	74.2	75.8	76.2	77.5	00	77.9	19.0	79.3		19.6		19.6	80.4
1		68.5			9		7	~								80.
3000		71.3		77.4	79.1	19.4		81.1				82.6	82.9	82.9	2	83.
1	-	-			81.3	-	3	4			84.8	6.49		3	2	86.0
1 2000	•			81.9	60	4		5.7			-	-			-	
1		75.9		82.5	84.1		85.8	6.9		87.4	87.7	87.8		88.1		88.
1500			•	84.2	86.2	0	-	8.3				6				91.1
	7.	-			•		0	6.5			-	-		-	-	92.
000	•	•	83.7						90.8		3	92.3	95.6	95.6	5	93.4
	•1	_	0.98	86.5	88.7	0.68		:			95.6	92.7		93.1	93.1	93.5
8	-					0	-	2.5			;	94.1		4.46	;	95.2
	1.	-	85.3	87.8	1.06		2.	3.			4.46		6.46	6.46	:	
8	:	80.		87.9		8.06	2	3.3		*	*	95.0		95.3	2	96.
		_		88.3	1.06			+			95.5	3	:		3.	96.
8	•	90.0	85.8	88.3	6.06	61.5	3				1.96	36.2	96.5	96.5	96.5	
	•1	-	85.9	88.4	91.1	-		5.4		96.6	0.16	97.1		•	:	98.
141	•1		85.9	88.4	91.1	91.8	93.9	6.	95.0	96.6	97.2	97.3	97.8	97.9		98.
		80.7	85.9		1.16	91.8		0.56	1.56		-	61.3	6.16		98.2	66
١٨١	.1	80.7	85.9	88.4	91.1	91.8	3	0.56	95.1	1.96	97.3	97.3	1	•		100

TOTAL NUMBER OF OBSERVATIONS

1128

0

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

.

73-77

MAR MONTH O1

2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES	ATUTE MILI	SS .						
(FEET)	2	٨١	\$0 Al	AI AI	e Al	7 2%	7	¥1 %1	٧١ ¾	Ā	× Al	*	2 11	≥ 5/16	× Al	٥
NO CEILING		45.8	-	52.9	53.6	53.6	54.2	55.5	55.5	56.1	56.8	80.95	59.4	59.4	\$0.65	\$9.4
2 20000		52.3		-	3	5	3	:	;	2	:	•		0		
V 18000		52.3		61.3	2	2	9	;	;	3	3					
≥ 16000		52.3		-	5.	2	3.	*	;	3	3			8	8	
		52.3		61.3		2.	3.	4.		5.	5		8	8	8	4.89
12000		52.3	*		2	2			;		3		8		4.89	
		54.8			5	30	5			-	8		-		-	71.0
000		55.5	:	64.5		5.	•	7	-	8	6				-	71.6
1		58.1				0		-		2.	2.		3	5	2.	75.5
7000		29.4	•		-	-	-	2	2		;			.9	;	76.8
1		59.4	5		-	-	-	2	2	3	*		0		9	0
200		59.4			-	-	-	2	2	3	*				•	76.8
		29.4			-	-	-	2	2.	3.	*		0	.0	9	76.8
900		0.09	-		•	-	2.	3	3	*	*		1.	2	7	-
		0.09	67.1	1.69	-	-	72.3	73.6	73.6	74.2	*		-		17.4	77.4
3000		63.2	0		;		S			-	8		0	0	0	80.7
		64.5				.0	-		8	6	0		2.	2.	2.	82.6
7 2000		67.1			0	·	0	-	:	2	3		85.8	2	3	85.8
		67.1	•		0	0	0	-:	-	2	3		85.8	•	5	85.8
1500		0.69			?	2		;		3	3		88.4	8		88.4
		69.7				63.9	84.5	85.8	5	.9	1.	87.1		6	89.7	89.7
V 1000		70.3				*	5.		6.				0			
		10.3			;	4.	3.	6.	9	7.	1.		0	0	0	
008 1		10.3			5.	5	5.	7.	1.				-	-	1:	
		70.3	8.	81.3	5.	3		87.1	87.1	7.	8.		1.	-	-	91.0
8		70.3		-	5	5	5	The same of		-	8		-	:	:	
		71.0	78.7	81.9		5	:	8	8		6		2.	2	2.	92.3
N 400		71.0	8	-	2	5	1.	8	8		6		2.	2.	5.	
38		71.0	4.64	83.9	1.18	87.7	89.0	0116	0.16	91.6	65.6	65.6	98.5	95.5	95.5	95.5
1 200		71.0	•	2	6		-	2	5.	3	;			4.16	1.86	
N 18		71.0		85.2	89.0				2	93.6	;	8.76	4.16	97.4	98.7	
٨١		71.0	80.7		6	6	-	6.26	2		+		97.4	4.76	99.4	0000

0:

0

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

73

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR HOHTH O4 HOURS (1.S.T.)

800

N
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TOTAL NUMBER OF OBSERVATIONS

155

80

0

DIRNAVOCEANMET SMOS

12095-00101

93832

5771

0

0

0

0

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

OCCURRENCE PERCENTAGE FREQUENCY OF

**ATIONS**)

(FROM HOURLY OBSEF

07 mouns (1 5 7 ) MAN

71.6 ٨١ 80.0 56.8 83.2 87.1 72.9 72.9 78.1 83.9 87.1 67.7 68.4 76.8 68.4 67.7 67.7 70.3 72.9 19.4 54.2 73.6 56.8 80.0 83.2 83.2 64.5 65.2 65.2 69.7 74.2 76.1 64.5 67.1 64.5 69.7 53.6 10.1 19.4 65.2 84.5 85.8 85.8 53.6 64.5 72.9 13.6 74.2 83.2 65.2 67.1 69.7 83.9 80.0 69.0 69.7 52.9 0.69 12.9 73.6 66.5 81.9 52.9 63.9 72.3 73.5 81.9 \$3.6 63.9 78.1 56.1 67.1 82.6 84.5 64.5 52.9 53.6 0.69 72.3 73.6 78.1 81.9 63.9 63.6 64.5 64.5 0.69 81.9 64.5 66.5 72.9 75.5 84.5 86.5 56.1 67.1 82.6 84.5 52.9 0.69 72.9 63.9 0.69 63.9 63.9 78.1 81.9 53.6 64.5 72.3 75.5 84.5 85.2 56.1 56.1 78.7 66.5 61.3 67.1 81.9 82.6 VISIBILITY (STATUTE MILES) 58.1 63.2 75.5 58.1 67.1 71.6 78.7 63.2 63.2 75.5 51.0 51.0 51.0 66.5 66.5 58.7 58.7 60.7 ×- 1 63.2 71.6 58.1 58.1 67.1 75.5 75.5 76.1 60.7 54.8 58.7 57.4 61.3 54.2 58.1 69.7 ٨١ 71.6 63.2 54.2 56.8 59.4 54.8 54.5 63.9 68.4 11.6 52.9 59.4 9.29 65.8 67.7 48.4 40.0 55.5 56.1 56.8 58.7 48.4 50.3 51.0 52.9 64.5 47.7 64.5 47.7 52.3 47.1 40.0 47.1 58.1 47.1 50.3 52.3 84.8 56.1 0.09 65.2 43.2 47.7 47.7 49.7 N Al 0.64 1.14 0.64 59.4 29.4 47.1 51.6 54.2 52.3 \$2.9 56.8 59.4 44.5 45.2 56.1 AI 45.8 58.1 43.2 52.3 36.1 39.4 43.9 45.2 51.0 39.4 43.2 43.5 43.9 50.3 54.5 54.8 56.8 58.1 58.1 49.7 30.3 32.3 35.5 35.5 36.1 39.4 39.4 41.3 41.9 44.5 46.5 46.5 32.3 38.1 43.2 46.5 36.1 40.7 A 2 NO CEILING (FEET) VI VI 8000 0000 0000 88 00 % 2 000 2 000 2 000 3000 2000 88 80 2000 450 400 400 900 900 88 88 AI AI AI AI AI AI AI AI AIAI

0

TOTAL NUMBER OF OBSERVATIONS

155

3

188

0

71.6

398

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE

10 HOURS (1 5 T.)

MAR

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2 5/16

2 ٨I

\*

X N

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

7

1 2%

VI

٨١

٨١

2 AI

(FEET)

NO CEILING

≥ 20000 VI VI 00091 00091

~ Y 1% 17 57.4

37.4

57.4 57.4 57.4 57.4 57.4 57.4 58.1

57.4

58.1 57.4 61.3

61.3 61.3 57.4 57.4 61.3 61.3 70.3

57.4 71.6 57.4 58.1 61.3 0.3 \* 61.3 71.6 10.3

61.3

61.3

58.1 61.3

57.4

57.4

4444

54.8

54.8

54.8 54.8

Y 1400

58.1

58.1

58.1 71.6 72.3 72.3 72.3 61.3 10.3 61.3 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72.3 71.6 72.3 72.3 72.3 70.3

72.3

72.3

72.3

72.3

72.3

72.3 72.3

72.3

72.3

72.3

72.3

72.3

71.6

71.6

71.6 72.3

71.6

71.6

71.6

69.7 6.07 70.3

66.5 67.1

2000

70.3

72.3

72.3

72.3

6.0

61.3

61.3 6.0/

61.3

0.09

61.0

61.3 61.3

61.3

0.09

72.3 74.2 75.5

72.3

72.3 72.3 72.3

72.3 72.3 74.2

72.3 72.3

75.5 72.3 4.1 81.3 81.9 86.5 75.5 81.3 61.9 86.5 74.2 4.11 87.7 4.1 75.5 81.3 81.9 86.5 75.5 74.2

4.17

4.1

77.4 81.3 81.9 86.3

77.4

4.6

77.4

81.3

61.3

81.3

77.4 81.3

13.6

2500

AI AI

74.2

0.17

75.5 75.5

75.5

75.5

75.5

75.5

75.5 7.4

72.3

72.3 74.2

70.3 72.3 72.9

0.69

69.7

3500

70.3

67.1 67.1

4500 4000

67.1

2000

74.2

74.2

74.2

74.2

72.3

81.3

81.3

81.3

81.9

81.9 81.9

86.5

86.5

87.7

87.7

86.5

75.5

17.4 81.3

72.3

90.3 6.06 87.7 4.11 61.9 86.5 8.06 81.3 87.7 90.3

81.9 86.5

0.16 0.16

92.3

92.3 0.16 92.3 93.6

600 91.0

800 93.6 95.5 95.5

> 92.3 0.16

> > 93.6

6.36

6.26 93.6 95.5

92.3

92.3

91.6

92.9

92.3

93.6

91.0 91.0

91.0

91.0

91.0

0.16

0.16 91.0

82.6 86.5

86.5 87.7

82.6

88

ALAI

83.2

90.3 90.3

6.06

6.06

90.3

90.3

90.3

86.5

82.6

1200

87.7

87.7

87.7

87.7

87.7

83.9

0.08

86.5

86.5

86.5

86.5

82.6

78.7

1500

AI AI

81.9

81.9 81.9

81.9

78.1

74.2

92.3

91.0 92.3 95.5 95.5 95.5 95.5

95.5

95.5

95.5 95.5

95.5

94.2

84.5

88

AI AI

84.5

88

MIM

84.5

80

AIAI

89.7

84.5

96.1

95.5

95.5

98.5

95.5

95.5

95.5

95.5

8.96 8.46 94.8

94.2 94.2

84.5

88

MIMI

0

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (1 S T.) MAR

2

CEILING							NISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$:						
(FEET)	5	o Al	\$ 1	7	e Al	> 2%	7	V 1%	¥1 Y	- AI	% Al	* 11	Z AI	≥ 5/16	AI N	0 11
NO CEILING			5			5		5.	5	2	3			5		35.5
≥ 20000		52.3		53.6			53.6	53.6	3		3			1		53.6
			3	53.6		3.								100		53.6
00091		52.3		53.6					3					-		53.6
			3						100					-		53.6
> 12000		52.3		53.6										-		53.6
1			•	56.1		6		9	0	9				9		56.1
0006		54.8	;	56.1		.9								0		56.1
1		57.4	8	58.7		8			8	8	8			0		58.7
7000		58.7	0	60.7	1.09	0			0	0	1.09		60.7	O		60.7
1		58.7	0	60.7				0	0	0	0			0		60.7
0005		58.7	0	60.7	60.7	0			0	0	0			0		60.7
		58.7	0	1.09		60.7	2.09	60.7	1.09	60.7	0	60.7		60.7	60.7	60.7
141		58.7		60.7		0		0	0	0	0			0		60.7
			2					2.	2	3	3.			N		62.6
3000		71.6		74.2				;	;	*				4		74.2
1		81.3	3	83.9	83.9	83.9		3.		3	*	84.5	84.5			84.5
7 2000		87.1				6				6	0			0		90.3
1		87.1		89.7		6		6	0	6	0			0		90.3
1500		89.0	:	91.6		-		:	-	-	2			~		92.3
			-	92.3		2		2.	2	2	2			~		92.9
000		89.7	2					;	;	;				4		94.8
		89.7	2	•		+				*				3		8. 96
8		89.7	2			*		;	;		;	*		4		94.8
		89.7	3	-					*	4	5	3		8		95.5
8		90.3		*		272					;	.0		0		8.96
		91.0		8.46					-	*		48.7		8		98.7
8		91.0	;		1.96		4.16	97.4	-		7.86			6		4.66
		91.0	2.46	8.46	1.96	1.96	4.16	98.1	1.86	98.7	4.66		0.00		00.001	00.00
7 200				8.46	1.96		97.4				4.66	4.66		100.0	0000	00.00
81			:	8.46	96.1		4.66	1.86	98.1	7.86	4.66	7.66		100.0	0000	0000
٨١		91.0	:	*	96.1	96.1	97.4			98.7	4.66	4.66	00.00	100.0	0.00	00.00

0

0

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

155

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

MAR

SY OF OCCURE	PERCENTAGE FREQUENCY OF OCCURRENC (FROM HOURLY OBSERVATIONS)	SENCE	
$\sim$	SE FREQUEN	CY OF OCCURE	<b>DBSERVATIONS</b> )

Morelling   No. Celling   No	CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
37.4 38.1 38.1 38.1 38.1 38.1 38.1 38.1 38.1	(FEET)	2 11		80							Ã		1	1		1	
54.8         56.1 <td< td=""><td>NO CEILING</td><td></td><td>37.4</td><td></td><td></td><td></td><td>8</td><td>œ</td><td></td><td>38.1</td><td></td><td>1</td><td>8</td><td>38.1</td><td>8</td><td>38.1</td><td></td></td<>	NO CEILING		37.4				8	œ		38.1		1	8	38.1	8	38.1	
10000   54.8   56.1	> 20000		54.8	0				9		56.1		0		56.1		56.1	
1000   54.8   56.1	V 18000		54.8	0	56.1		.0					0		0	9		56.1
56.4   56.1	14000		54.8		56.1		9					0	56.1			;	56.1
10000   10   10   10   10   10   10			54.8	9	56.1	56.1	9	9			. 9			0			56.1
57.4         58.7         58.8         58.8         65.8 <th< td=""><td></td><td></td><td>55.5</td><td>•</td><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>56.8</td></th<>			55.5	•	•												56.8
57.4         58.7         65.8 <th< td=""><td></td><td></td><td>57.4</td><td></td><td>8</td><td></td><td></td><td>8</td><td>59.7</td><td></td><td>8</td><td></td><td></td><td></td><td>8</td><td></td><td>58.7</td></th<>			57.4		8			8	59.7		8				8		58.7
63.9         65.2         65.5         65.5         66.5 <th< td=""><td></td><td></td><td>57.4</td><td></td><td></td><td>00</td><td></td><td></td><td>58.7</td><td></td><td></td><td></td><td></td><td>8</td><td></td><td></td><td>58.7</td></th<>			57.4			00			58.7					8			58.7
64.5         65.8 <th< td=""><td></td><td></td><td>63.9</td><td>3</td><td>30</td><td>-</td><td>150</td><td>5</td><td>5</td><td></td><td>5</td><td></td><td></td><td>2</td><td>5</td><td></td><td>65.2</td></th<>			63.9	3	30	-	150	5	5		5			2	5		65.2
65.2 66.5 66.5 66.5 66.5 66.5 66.5 66.5			:		3.	5	50	3.	5					3	3		5
55.2         66.5 <th< td=""><td>1</td><td></td><td></td><td>3</td><td>5.</td><td>120</td><td>5</td><td>5</td><td>5</td><td></td><td></td><td>3</td><td></td><td>3</td><td>5</td><td></td><td>5</td></th<>	1			3	5.	120	5	5	5			3		3	5		5
4500 65.2 66.5 66.5 66.5 66.5 66.5 66.5 66.5						0	9				9	•					
25.00 69.0 70.3 70.3 70.3 70.3 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0			3	0		9	9	.9	0		. 9	0			9		0
3500 69.0 70.3 70.3 70.3 70.3 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0				1		-	-	-	1			-		1.	-		-
80.0 81.3 81.3 81.3 81.3 81.3 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9				0		0	0	0	1.		-	-		:	-		-
85.2 87.1 87.1 87.1 87.1 87.1 87.1 87.7 87.7			0	-		-	-	-	-		-	-		:	-		-
87.7 89.7 89.7 89.7 89.7 89.7 89.7 89.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 9	1			1.		-	-	-	7.		-	-		-	-		-
1500 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7			-	6	6	0	6	.6	0		0	0		0	0		0
1200 89.7 91.6 91.6 91.6 91.6 92.3 92.3 92.9 92.9 92.9 92.9 92.9 92.9			:	6	6	3	6	6	0		0	0		0	0		0
90.3 92.9 92.9 92.9 92.9 93.6 93.6 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2				-	-	-	-	:	2		2	2		2	2.		92.9
91.6 94.2 94.2 94.2 94.2 94.8 94.8 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95			0	2	2	2	· cv	2.	3		4.	*		*	4		
91.6 94.2 94.2 94.2 94.2 94.8 94.8 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95			:	;				*			5	3		3	3		
91.6 94.2 94.2 94.2 94.2 94.8 94.8 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95			•	;		3	*	*		*		3	95.5	3	5		
700 91.6 94.2 94.2 94.2 94.2 94.8 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95			-			;		*	;		3	3	95.5	3	3		
91.6 94.2 94.8 94.8 94.8 94.8 95.5 95.5 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1			:	*		4	*			3	3.	5	95.5	2	5		
300       92.3       94.6       95.5       95.5       96.1       96.8       97.4       98.1       98.1       98.1       98.1       98.7       99.4       100.010         300       92.3       94.8       95.5       95.5       96.1       96.8       97.4       98.7       98.7       99.4       99.4       100.010         100       92.3       94.8       95.5       95.5       96.1       96.8       97.4       98.7       98.7       99.4       99.4       100.010			-	*		*	*	3		5			1.96	;			
300         92.3         94.8         95.5         95.5         96.1         96.8         97.4         98.1         98.1         98.7         98.7         98.7         98.7         98.7         98.7         98.7         98.7         98.7         98.7         98.7         98.7         98.7         98.7         99.4         90.6100.010           200         92.3         94.8         95.5         95.5         96.1         96.8         97.4         98.1         98.7         99.4         99.4         90.010           100         92.3         94.8         95.5         95.5         96.1         96.8         97.4         98.1         98.7         99.4         99.4         90.010           92.3         94.8         95.5         95.5         96.1         96.8         97.4         98.7         98.7         99.4         99.4         90.010			92.3	4.	95.5	5	5.	9			8	*		8			98.1
300 92.3 94.8 95.5 95.5 96.1 96.8 97.4 98.1 98.7 99.4 99.4 99.4 100.010 200 92.3 94.8 95.5 95.5 95.5 96.1 96.8 97.4 98.1 98.7 98.7 99.4 99.4100.010 100 92.3 94.8 95.5 95.5 95.5 96.1 96.8 97.4 98.1 98.7 98.7 99.4 99.4100.010 0 92.3 94.8 95.5 95.5 95.5 96.1 96.8 97.4 98.1 98.7 98.7 99.4 99.4100.010			92.3	*		3	5					80					98.7
200 92.3 94.8 95.5 95.5 96.1 96.8 97.4 98.1 98.7 98.7 99.4 99.4100.010 100 92.3 94.8 95.5 95.5 95.1 96.8 97.4 98.1 98.7 98.7 99.4 99.4100.010 0 92.3 94.8 95.5 95.5 96.1 96.8 97.4 98.1 98.7 98.7 99.4 99.4100.010			92.3			5	5	.0					98.7	0	6	0	
00 92.3 94.8 95.5 95.5 96.1 96.8 97.4 98.1 98.7 98.7 99.4 99.4100.010						3	3	0	•	-			98.7	0		0	1000
0 92.3 94.8 95.5 95.5 95.5 96.1 96.8 97.4 98.1 98.7 98.7 99.4 99.4100.010			2	•	-		-	. 9	. 0	-						0.001	100.0
			2	94.8	95.5			. 9			98.1						0000

0

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (1 \$ T.) MAR

988

NO CELLING 1V 2000 1V 1000 1V 1000 1V 1	01.00 01.00		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	23 2 2 2 8 8 3 2 2 8 8 3 2 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	771.00 771.00 771.00 771.00 771.00 778.20 83.20 83.20 83.20	M M M M M M M M M M M M M M M M M M M	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	N 2 1 1 1 1 2 2 2 3 3 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	V 8111111111111111111111111111111111111	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 7 7 7 1 3 0 0 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1
			8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		4 10 00 00 0		* 0 0 0 0 0			* " 0 0 0 0			400000		8 8 8 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9
	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		90.3 92.9 92.9 92.9	90.3 93.6 93.6 93.6	0 0 0 0 0 0	0 0 0 0 0 0			0 0 4 4 4 4	94.2		0 2 4 4 4 4	0 14 4 4 4	90.3 94.2 94.2 94.2	
	888.1.1.7.2.1.1.7.7.1.1.1.1.1.1.1.1.1.1.1.1	93.6	944.8		2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	94.8 96.1 96.1 96.1	93.6 96.1 96.1 96.1 96.1	93.6 96.1 96.1 96.1 96.1	94.8 996.8 98.7 98.7 98.7	* 1 0000000	94.00 999.4 999.4	* 1 000000	94.8 97.4 99.4 99.4 100.0	94.8 97.4 99.4 99.4 100.0 100.0	94.8 99.7 99.7 99.0 00.0 00.0 00.0

0

0

155

TOTAL NUMBER OF OBSERVATIONS

3

0

SMOS DIRNAVOCEANMET

0

0

81.3

2.4/

٨I

74.2 74.8

76.1

82.6

82.6

86.5 87.1 91.0 92.9

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

FIELD, FLURIOA

CECIL

93832

22 HOURS (1 S.T.) MAR

200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

0

AI

(FEET)

CEILING

0

× 20000

16000

12000

900

AI AI

0

1200

AI AI

2000

AI AI

900

AI AI

()

3500

AI AI

0

2500

ALAI

1800

ALAI

0

900

ALAI

88

ALAI

81.3 81.3 82.6 83.2 87.1 91.0 92.3 82.6 6.26 86.5 81.3 85.2 6.26 76.1 16.8 82.6 6.26 74.2 80.7 ٨١ 91.0 82.6 82.6 83.2 6.26 76.1 82.6 86.5 87.1 92.3 74.2 74.2 16.8 76.8 81.3 81.3 74.8 83.9 80.7 5/16 AI 74.8 76.1 82.6 82.6 82.6 87.1 83.2 91.0 6.26 76.8 92.9 92.9 92.9 81.3 81.3 86.5 80.7 92.3 92.3 AI 6.26 6.26 6.26 74.2 8.4/ 76.8 82.6 83.2 82.6 82.6 76.1 83.9 91.0 81.3 85.2 87.1 81.3 86.5 80.7 ٨١ 92.3 83.5 82.6 82.0 87.1 0.16 6.26 85.2 81.3 81.3 82.6 86.5 6.26 6.26 74.2 74.8 76.1 76.8 76.8 80.7 ٨١ 73.6 81.9 91.6 81.9 84.5 85.8 76.1 80.7 81.9 90.3 92.3 92.3 74.2 80.0 82.6 83.2 86.5 76.1 92.3 92.3 80.7 86.5 80.0 61.9 6.18 82.6 85.8 8006 92.3 6.26 92.3 92.3 61.9 84.5 84.5 91.6 13.6 83.2 73.6 80.7 75.5 76.1 80.7 ٨١ 81.9 85.8 83.2 92.3 13.6 86.5 92.3 75.5 0.08 81.9 8.06 74.2 76.1 82.6 91.6 92.3 80.7 80.7 92.3 6.26 80.0 82.6 86.5 65.3 76.1 81.9 85.8 73.6 6.06 91.6 73.6 74.2 80.7 81.9 81.9 83.2 84.5 76.1 75.5 Al 85.8 91.6 61.9 81.9 75.5 76.1 81.9 82.6 83.2 86.5 90.3 80.0 81.9 84.5 92.3 92.3 92.3 80.7 91.6 92.3 2% 91.6 91.0 82.6 85.8 85.2 91.6 80.0 83.9 81.3 81.3 80.0 81.3 89.7 N Al 81.9 19.4 84.5 85.2 89.0 74.2 74.8 4.61 83.2 72.9 80.7 87.7 89.7 89.7 89.7 80.7 81.3 89.7 80.7 ٨I 83.9 72.3 74.2 81.3 81.9 83.9 85.8 72.3 72.9 4.61 80.7 83.2 87.7 80.7 87.7 80.7 87.1 87.7 87.7 78.7 Al 67.1 73.6 18.1 81.3 81.3 76.1 77.4 78.1 80.0 81.3 67.1 0.69 74.2 74.2 75.8 15.5 75.5 80.7 81.3 69.7 76.1 AI

TOTAL NUMBER OF OBSERVATIONS

155

1808

92.9

93.9

92.3

92.3

92.9

93.0

4.76

1.86

8.46

2.46

2.46

93.6

91.0

90.3

4.88

81.3

81.9 81.9

88

AI AI

0

95.5

6.

80

ALAI

0

88

ALAI

92.3

92.3

91.6

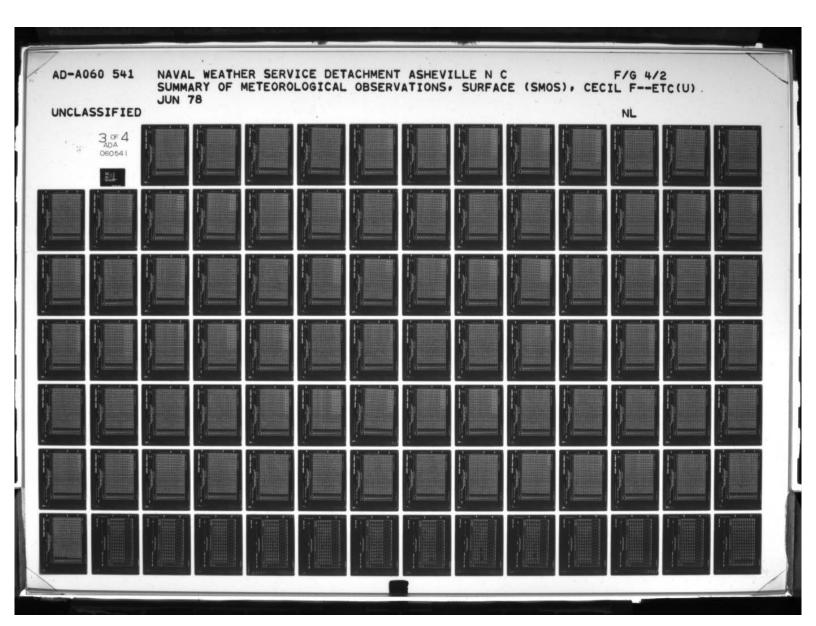
89.7

87.7

81.3

88

ALAI



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

900

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) MAR

200

CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES)	ES)						
(FEET)	5	24	S AI	4	e vi	2 2%	7	¥1 Y	VI VI	71	× AI	*	Z AI	≥ 5/16	AI N	0 11
NO CEILING		42.3	45.	46.1					80			6	6	.6		50.6
≥ 20000		52.7	56.	-		6			0	:	61.5	1.		2.		62.8
18000		52.7	56.	57.6	8	6	.6	0	0	1.	1.	1.	2.	2.		2.
≥ 16000		52.7	56.	-			6		0	:		-		2		65.9
> 14000		53.2	57.	8.	6	0	0	0	-	-		-	2.	2		63.3
12000		53.8	57.	58.9		60.2	61.1	61.7		2	62.7	62.7			63.8	64.1
		55.7	59	-	2.	2.	3.		*	*			5	5.		66.3
000		55.8	65	61.1		2		;	*	*		5				4.99
		60.1	94.	5	-	-	8	6	6	0	0	0	0	0		71.8
00 1 Al		8.09	65	9.99	-		6	0		-		71.1				72.7
1		6.09	65.	9	8	8	6	0	0	-		7.		-		72.7
2000		61.4	66.1	67.3	68.6	68.8	70.0	70.7	70.7	71.6	71.8	71.8	72.4	72.4	72.9	73.3
		61.5	66.		8	8	ò	0		-		-		2		73.4
141		62.0	0	0.89		6		-	-	2		2		3	73.7	74.1
		63.3	68.	6		0	2	2			*	*	*	4.		75.5
900		67.0	72.							-						79.6
		4.69	14.	.0		-	8	6		0	0	0	-	-	-	
7000		71.8		78.9	80.3	80.6	81.9	2	82.7		84.0	84.0		4		85.5
		72.0	17.	6	0	0		3.		*	*	4.	4	;	5	
1300		74.0	79.	-	83.1		;		3		;		-	-		
		74.8	80.	2		4				8				6	6	
0001		75.8	81.			9	1.	8	8	6	6	6	0		91.1	91.5
		75.9	81.	84.0		6.	-			.6	0	0	0		-	
8		76.1	82.	*		.0			6	0	•	0		-	-	
		76.2	82.	84.7	;			6		0	-	:	-	-	5.	
8		76.5	82.	85.3	•	-			0	-	3	2	2.	2.		
		76.9	83.	85.9			•	-		3		3		;		
8		76.9	83.	86.0	88.3		40.7	-	91.7		;	;			5	95.9
		16.9	83	86.2				2		4	•	3		3		
38		76.9	83.	86.4	•	6	91.5	2.	92.7		95.5	95.5		96.7	•	98.3
			83.7	96.4		89.2	91.5	•	95.8	6.46	92.6	93.6	6.96	6.96	98.2	
٥		76.9	83.7	86.4	88.9	89.2	91.5	95.6	95.8	6.76	98.6		6.96	6.96		

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

01 HOURS (1 S T ) APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	

	VISIBILITY (STATUTE MILES)	26         25         24         23         25%         22         21%         21%         21         2%         2%         2%         2%         20	56.0 58.0 60.7 61.3 61.3 61.3 62.7 63.3 64.7 64.7 64.7 64.7 64.7 6	68.7 70.7 74.0 74.7 74.7 74.7 76.0 76.7 78.0 78.0 78.0 78.0 78.0 7	68.7 70.7 74.0 74.7 74.7 76.0 76.7 78.0 78.0 78.0 78.0 78.0 78.0 78.0	68.7 70.7 74.0 74.7 74.7 74.7 76.0 76.7 78.0 78.0 78.0 7	68.7 70.7 74.0 74.7 74.7 76.0 76.7 78.0 78.0 78.0 78.0 78.0	70.0 72.0 75.3 76.0 76.7 76.7 78.0 78.7 80.0 80.0 80.0 80.0 80.0	70.7 72.7 76.0 76.7 77.3 77.3 78.7 79.3 80.7 80.7 80.7 80.7 80.7	70.7 72.7 76.0 76.7 77.3 77.3 78.7 79.3 80.7 80.7 80.7 80.7	73.3 76.7 80.0 80.7 81.3 81.3 82.7 83.3 84.7 84.7 84.7 84.7	73.3 76.7 80.0 80.7 81.3 81.3 82.7 83.3 84.7 84.7 84.7 84.7 84.7	73.3 76.7 80.0 80.7 81.3 81.3 82.7 83.3 84.7 84.7 84.7 84.7	74.0 77.3 80.7 81.3 82.0 82.0 83.3 84.0 85.3 85.3 85.3 85.3 85.3	74.7 78.0 81.3 82.0 82.7 82.7 84.0 84.7 86.0 86.0 86.0 86.0 86.0 8	75.3 78.7 82.0 82.7 83.3 83.3 84.7 85.3 86.7 86.7 86.7 86.7 86.7	78.0 81.3 84.7 85.3 86.0 86.0 87.3 88.0 89.3 89.3 89.3 89.3 89.3	80.0 83.3 87.3 88.0 88.7 88.7 90.0 90.7 92.0 92.0 92.0 92.0 92.0 92.0	80.0 83.3 87.3 88.0 88.7 88.7 90.0 90.7 92.0 92.0 92.0 92.0 92.0	81.3 84.7 88.7 89.3 90.0 90.0 91.3 92.0 93.3 93.3 93.3 93.3 93.3	81.3 84.7 88.7 89.3 90.0 90.0 91.3 92.0 93.3 93.3 93.3 93.3 93.3	82.7 86.0 90.0 91.3 92.0 92.0 93.3 94.0 95.3 95.3 95.3	84.0 87.3 91.3 92.7 93.3 93.3 94.7 95.3 96.7 96.7 96.7 96.7 96.7	7 84.0 88.0 92.0 93.3 94.0 94.0 95.3 96.0 97.3 97.3 97.3 97.3 97.3	7 84.0 88.0 92.0 93.3 94.0 94.0 95.3 96.7 98.0 98.0 98.0 98.0 98.0	7 84.0 88.0 92.7 94.0 94.7 94.7 96.0 97.3 98.7 98.7 98.	7 84.0 88.0 92.7 94.0 94.7 94.7 96.0 97.3 98.7 98.7 98.7 98.7 98.7 98.7	7 84.0 88.0 92.7 94.0 94.7 94.7 96.0 97.3 98.7 98.7 98.7 98.7 98.7 98.7	7 84.0 88.0 93.3 94.7 95.3 95.3 96.7 98.0 99.3 99.3 99.3 99.3 99.3	7 84.0 88.0 93.3 94.7 95.3 95.3 96.7 98.0 99.3 99.3 99.3 99.3	7 84.0 88.0 93.3 94.7 95.3 95.3 96.7 98.0 99.3 99.3 99.3 99.3 99.3	7 84.0 88.0 93.3 94.7 95.3 95.3 96.7 98.0 99.3 99.3 99.3 99.3 99.3	-
VI WWW. WW. WW. WW. WW. WW. WW. WW. WW. W		•	56.0	68.7	68.7	68.7	68.				73.	73.	73.	74.			78.0	80.0	80.0	81.3	81.3	82.7	84.0	7 84.0	0.48 7	7 84.0	0.48	1 84.0	0.48	7 84.0	1 84.0	0	7 84.0

0 0 0 0 0

TOTAL NUMBER OF OBSERVATIONS

0

0 3

0 0

0

0

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (1 S T.) APR

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES	(5)						
(FEET)	VI 5	۸I	\$ 1	4	E 41	2 2%	Y 2	¥1 Y	×1 ×	- AI	% Al	*	N %	≥ 5/16	% Al	0 11
NO CEILING		45.0	47.3	53.3	20 1	0.00	0.79	65.3		66.7	67.3	67.3	68.0	68.0	58.7	68.7
3007		•	200	2010	2010	0 0	2	•		0	•	100	•	•	•	1000
00081 4		0 0		61.0	21.0	48	72.7	16. 2	14.	200	76.7	76.7	77.2	17.5	200	780
		•	:	210	67.5		,	76.7		•	3	76.7	•	•		78.0
17000		4	9 6	72.7	48.7		2,4	16.0	76.0	•		78.0	78.7	78.7	79.3	100
		48.1	36	6.5.4		•		• 9		•	8		10	78.7		79.3
8 8 N A		48.1	56	62.7		70.0	74.0	76.0	76.0	77.3	78.0	78.0	78.7	78.7	79.3	79.3
		50.0	58.	0.99						-	2.	2.	82.7			83.3
7000		50.0	58.	0.99	72.7					-	2.	3				
1		50.0	58.	0.99	72.7	4	78.0	80.0			82.0	2.	82.7	82.7	83.3	83.3
2000		50.0		0.99	72.7	•				-	2.	85.0		82.7	83.3	83.3
		20.0		0.99							2.		82.7	82.7	83.3	83.3
900		20.0		66.7	73.3	74.7		80.7		82.0	5	82.7		3.	84.0	84.0
1		50.0		1.99	73.3	14.7		80.7		•	2	82.7		83.3	84.0	84.0
3000			0000	68.0	74.7	76.0		82.0		3	84.0	84.0		*	•	85.3
1		52.0	60.7	68.7	75.3	1.91	80.7	82.7	82.7	84.0	84.7		85.3	2	86.0	0.98
> 2000			60.7	08.7		76.7				4		85.3	86.0			86.7
1			60.7	69.3				0.48	84.0	85.3	86.0	86.0	86.7		87.3	87.3
1500			63.3	72.0	78.7	80.0	*			8		88.7	89.3	89.3		90.0
1		54.7	63.3	72.0	8		84.7	86.7		•			89.3	6		0.06
90	,	55.3	0.40	72.7		80.7	85.3	87.3	87.3	8		89.3	0.06			90.7
		26.0	64.7	73.3	80.0	81.3	86.0	88.0	8		0.06	0.06		1.06		91.3
8		56.7	65.3	74.0	80.7		9	88.7					91.3		95.0	92.0
		56.7	99.0	74.7	81.3	82.7	-	89.3	6		61.3	61.3	95.0	95.0		92.7
8		58.7	0.99	74.7	81.3	82.7	87.3	89.3				91.3			92.7	
		56.7	0.99	74.7	81.3	82.7	87.3	89.3				91.3		92.0		
8		56.7	2009	75.3	82.0	83.3	88.0	0.06	•	91.3	95.0	95.0	92.7		63.3	93.3
300		26.7	1.99	75.3	11111	83.3		0.06	0.06	0.26	7	92.7	93.3	93.3		
700		56.7	2.99	16.0	82.7	84.0		200	40.1	93.3	•	0.06	7.56	_	0.96	0.96
V 100		56.7	2009	•		. ,		200.		93.3	:	:	94.7	•	97.3	97.3
		26.7	1.00	16.0	82.1	84.0	88.7	200	100	93.3	0.00	0.0	24.1	96.0	91.3	00.00

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-7

3-77

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

APR MONTH OT HOURS (1.5.7.)

79.3 80.0 73.3 79.3 87.3 73.3 19.3 82.0 85.3 87.3 88.0 0.06 83.3 ٨١ 89.3 92.0 74.0 81.3 0.46 89.3 98.0 72.7 78.7 82.7 84.7 84.7 85.3 86.7 86.7 87.3 78.7 86.7 92.7 72.7 Al 72.0 78.0 84.0 78.0 86.0 91.3 72.0 82.0 92.0 88.7 AI 81.3 77.3 78.0 80.0 85.3 83.3 84.0 86.0 88.0 88.0 11.3 85.3 85.3 91.3 77.3 90.7 2 ٨١ 10.0 80.0 84.0 76.0 76.0 82.0 84.0 16.0 78.7 84.0 89.3 88.7 84.7 86.7 90.7 91.3 82.7 86.7 AI 0.00 76.0 84.0 84.0 84.0 61.3 16.0 76.0 76.0 80.0 92.0 71.3 78.7 82.0 86.7 86.7 88.7 82.7 86.7 89.3 82.1 7.06 84.7 92.1 AI 80.0 82.0 84.0 14.0 67.3 77.3 88.7 76.0 81.3 64.7 67.3 67.3 73.3 73.3 84.0 88.0 69.3 73.3 79.3 81.3 81.3 86.0 0.06 68.7 73.3 90.0 AI VISIBILITY (STATUTE MILES) 84.0 84.0 0.99 19.3 82.0 84.0 84.0 84.0 0.99 71.3 73.3 77.3 84.0 70.7 78.7 70.7 70.7 74.7 76.7 80.7 70.7 78.7 78.7 80.7 Al 0.09 0.49 19.3 82.0 0.99 73.3 17.3 78.7 84.0 84.0 70.7 78.7 80.7 82.7 84.0 0.48 64.7 70.7 76.7 80.7 70.7 71.3 70.7 74.7 78. 75.3 78.0 63.3 70.0 63.3 69.3 69.3 72.0 0.9/ 77.3 77.3 77.3 79.3 80.7 73.3 79.3 82.7 82.7 82.7 63.3 81.3 69.3 69.3 82.7 82.7 64. Al 0.99 0.99 74.0 76.0 18.0 0.99 72.0 14.0 62.0 72.0 74.0 0.99 14.1 79.3 79.3 10.0 76.0 74.7 77.3 68.7 66.1 12.1 .09 72.0 68.0 70.0 73.3 72.0 72.0 59.3 76.7 59.3 59.3 64.7 65.3 75.3 76.7 64.7 60.7 64.7 66.7 10. 76.7 64. M Al 67.3 55.3 55.3 62.0 0.99 0.99 68.7 65.3 0.99 0.99 67.3 69.3 7.07 64.7 7.07 56.7 60.7 60.7 60.7 60.7 63.3 70.7 1001 60.7 Al 52.0 47.3 47.3 52.0 47.3 47.3 52.0 56.0 0.09 52.0 57.3 57.3 61.3 48.7 38.0 52.0 53.3 57.3 57.3 60.7 61.3 61.3 61.3 56.7 54.1 58.7 61.3 58.7 61.3 A 38.0 34.0 38.0 0.04 41.3 34.7 36.0 38.0 38.0 41.3 0.44 41.3 34.7 41.3 0.44 44.7 38.7 40.7 42.7 42.7 44.7 41.3 44.7 44.7 AI 2 NO CEILING VI VI 00081 00081 (FEET) × 20000 Y 1400 9000 88 4500 3500 2000 1500 900 80 900 9000 88 88 88 ALAI ALAI ALAI ALAI ALAI ALAI AIAI AI AI AIAI ALAI ALAI

0

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

150

200

0

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

93832

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (L S T.) APR

200

1	-	0	~	_	-	-	~	0		_	_	_	~	~	0	~	0	0	0	0	~	•	0	0	0	•	0	0	0	0	O	00	5
	N .	0.49	67.3	67.3	67.3	67.3	67.3	70.0	70.0	78.7	78.7	78.7	79.3	19.3	80.0	81.3	86.0		94.0	34.0	96.7	97.3	98.0		98.	99.3	99.	100	100			000	
	× ×	. 4	-		67.3	67.3	61.3			78.7	78.7	8			0	87.3	:		;	0.46		61.3		0.86	8			0	0.00	ò	0	000	;
	91/5	0.	.3		.3	.3	6	0	0.	. 1.		.7	.3	.3	0.	.3	0	.3	0.	0.			0	0	0	.3	. 3	10.	.0	10.	0	00	•
	VI Sy	99 0	0	67	•	67	0		-	1 78	78	-	3 79	^	0 80	3 81	8	3 89	0	76 0	-	0	0 98	96 0	0	6	3 99	0010	0010	2	2		2
	N %	. 4	-	67	1.	-	67.3			•	78.			6		-	•	6			:		*	8		6		0		0	0	000	
	*	0.4	-		-	-	-			8.7	8.7	1.8	6.3	0		-	0.9		*	4.0	;	7.3		98.0	8.0		6	0			ò	000	;
	*	9 0.	-	3		_	.3	0.	.0 7	.7 7	.7 7	. 1.	.3 7	.3 7	0	.3 8		.3	0	0	67.	.3	0	0	-		.3 9	010.	-	-	-		
	χi	99	67		67	67	67	10	70			18		13	8	18	86	89	46	16	96	93	98	86	98	66	•	100	-	01	0	000	2
	_ AI	0.49	67.3	67.9	67.3	-	67.3	70.0	0	78.7	78.7	78.7	79.3		80.0	81.3	•	89.3			7.96		*	98.0		66.3		0000	0.00	0.00	00.00	000	5
VISIBILITY (STATUTE MILES)	7.		6.1			.3	.3	-	0	8.7	2.7		.3	.3		1.3	0		0	0	6.7		7.3	7.3	6.2	8.7	8.7	16.6	9.31	9.31	9.3	80	400
(STATU	AI -	9 0	3 6	9	19	9	ě m	~	-	7 78	7	7 78	10	200	0	3	0	6	0	0	0	6	m	3		7	7	3	6	3 8	3	m n	
IBILITY	۷۱ ۶	. 49	67.	67.	67.	67.	67.	70.	70.	78.	78.	78.	79	79.	80.		8	89.	94.	96	96		97.	97.		98.	98.	66	99.	66	66	660	
VIS	AI	0.49	67.3	67.3	67.3		67.3	0	0			8	79.3		80.0		86.0		94.0		7.96	-	97.3		97.3	7.86	98.7	6.66	66.3	66.3		6000	
	2%	0	3	20	7.3		7.3	0	0				m.	m	0.0		0.9		0.4	0.	6.7	•	6.1	en	7.3	1.	8.7		6.3	6.9	. 3	90	•
	ΛI	0	S	•		0	3	0	0 70	7 78	7	7 78	3 7	-		200		3 89	0 9	0	7 96	0	3 6		0	7 98		3 6	3			9 6	•
	AI 3	. 49	67.	67.	67.	67.	67.	70.	70.		78.	78.	79.	79.	80.	81.	86.	89.	94.	94.	96	97.	97.	97.	97.	.86		99.	66	66		600	
	4	*	67.3	7.	67.3		-	70.0	70.0	78.7	78.7	78.7	19.3	19.3	80.0	81.3	86.0	86.3	0.46	0.46	0.96	0	7.96	7.96			0.86		98.0	0.86		0.86	•
	•	0	3	3	6	m	2		-		9.0	0.0	3.7		E.		.3		.3		5.3				0				2.1	2.1	2.1	2007	
	Al	-	~	~	~	-	~	-	3 70	-	-	-	0 78	-	•		0 85				7 95	1	-	96 4	7 96	3 9	0	-	m	3 9	3 6	3 96	_
	AI	63.	66.	.90	99	99	99	69	66	77.	77.	77.	78.	78.0	78.	79.	84.	87.3	91.	91.	92.	92.	92.	92.	92.	93.	93.	93.	93.	93.	93.	93.	130
	2																																
9	F	SING	8	90	16000	8	8	8	0006	8	2000	8	2000	8	4000	8	3000	8	2000	8	1300	8	900	8	8	90	8	8	9	8	200	80	,
CEILING	<b>1</b>	NO CEILING	× 2000	> 180	1 71	7 140	17000		I AI	1	111	1	I AI	1	171		111	1	I AI	1	1 11	1	111	1	IAI		IAI		IAI		AI	AIA	

0

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0

0

0

TOTAL NUMBER OF OBSERVATIONS

#### 69.3 69.3 69.3 85.3 95.3 73.3 70.7 90.7 68.7

#### CEILING VERSUS VISIBILITY

WAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

13 HOURS (1 S T.) APR

38

98.0 98.0 99.3 95.3 ٨١ 62.0 95.0 98.0 66.66 62.0 95.3 99.3 69.3 69.3 69.3 85.3 95.3 98.0 99.3 66.3 99.3 00.00100.0100.0100.0100.0100.0100.0100.0100.01 69.3 73.3 40.7 68.7 70.7 62.7 69.3 62.0 69.3 85.3 95.3 85.3 98.0 66.3 66.3 52.0 0.29 73.3 86.3 69.3 86.3 62.0 62.0 62.0 90.7 98.0 99.3 86.3 62.7 68.7 69.3 70.7 62.7 62.0 0.29 66.3 62.0 62.0 69.3 73.3 85.3 95.3 62.3 98.0 98.0 99.3 6.66 66.3 69.3 40.7 69.3 69.3 69.3 68.7 70.7 62.7 2 A 85.3 62.0 62.0 6.69 69.3 95.3 0.86 0.86 62.0 62.0 62.0 62.0 69.3 73.3 99.3 99.3 66.3 99.3 99.3 99.3 99.3 62.0 95.3 95.3 70.7 66.3 62.7 90.7 68.7 ٨١ 0.86 62.0 62.0 69.3 85.3 62.0 62.0 69.3 69.3 69.3 99.3 66.3 66.3 70.7 95.3 73.3 90.7 0.86 0.86 0.86 99.3 99.3 99.3 62.7 68.7 ٨١ 69.3 95.3 95.3 95.3 99.3 73.3 98.0 98.0 62.0 62.0 62.0 62.7 69.3 69.3 69.3 85.3 85.3 90.7 99.3 99.3 99.3 99.3 69.3 69.3 70.7 68.7 68.7 ٨I VISIBILITY (STATUTE MILES) 62.0 62.0 99.3 69.3 69.3 62.0 62.0 73.3 95.3 7.06 70.7 71 71 0.86 8.66 69.3 69.3 62.0 69.3 85.3 95.3 62.3 99.3 66.3 66.3 69.3 68.7 0.86 73.3 70.7 ٨١ 62.0 62.0 62.0 62.0 62.0 62.0 69.3 62.0 85.3 98.0 8.66 99.3 69.3 69.3 73.3 95.3 0.86 66.3 66.3 62.7 95.3 8.66 62.0 62.0 62.0 62.0 62.0 62.7 68.7 69.3 7007 90.7 99.3 ۲ ۸۱ 6.66 69.3 73.3 66.3 69.3 69.3 85.3 95.3 88.3 98.0 98.0 99.3 86.3 66.3 86.3 99.3 62.7 99.3 99.3 62.1 68.7 70.7 1006 ٨١ 85.3 95.3 98.0 62.0 62.0 62.0 62.0 62.0 62.7 69.3 69.3 69.3 95.3 0.86 8.66 99.3 66.3 6.66 66.66 66.3 69.3 68.7 62.7 70.7 90.7 N N 0.86 69.3 62.0 62.0 85.3 7.86 0.86 98.7 69.3 6.69 73.3 99.3 62.7 95.3 7.86 98.7 98.0 98.7 69.3 70.7 7.86 98.7 98.7 98.7 62.7 68.7 1.06 98.7 Al 0.86 62.0 0.86 0.86 0.86 0.86 52.0 0.06 4.1 0.86 0.86 0.86 0.96 70.0 97.3 0.86 0.96 68.7 68.7 68.7 97.3 68.7 72.7 84.7 94.7 62.0 62.7 68.0 68.7 62.0 62.7 ٨I 0.89 0.96 0.96 72.0 0.96 0.96 0.96 0.96 0.89 69.3 0.96 0.96 95.3 68.0 83.3 7.26 98.3 61.3 88.7 92.7 AI 2 NO CEILING VI VI 18000 1 6000 > 20000 (FEET) 1200 80 V 1 400 VIVI 800 800 800 2000 4500 3500 2500 88 88 9000 500 88 88

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (1 S.T.) APR

200

CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES)	ES)						
(FEET)	5	4 AI	80	1	8 AI	2 2%	7	V 1%	VI %	71	*	*	Z AI	≥ 5/16	AI N	٨١
NO CEILING				8	8	8	8	8				58.7	58.7			
¥ 20000		68.7	70.7	70.7		70.7	70.7	70.7	70.7	70.7	70.7		70.7	70.7	70.7	70.
		68.7			70.7	0		70.7		7007	70.7	70.7	70.7	70.7	0	70.
≥ 16000				.0	0		0	0		0	0		70.7			70
					70.7			70.7			70.7	1007	70.7	70.7	70.7	10.
12000		70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0		72.0
				74.7				3		74.7	*		74.7	74.7	;	74.
900		73.3			75.3	75.3		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
1				0	0	0				0	80.0	80.0	0	0	80.0	80.0
7000		76.7	80.0		80.0	80.0	80.0	80.0			0		0	0		
		16.7		80.0		0		0	0	0			80.0	0	•	80.0
900		76.7			0	0	ċ	0		0	0		0	0	0	
		76.7	80.0	0		0		80.0	0	80.0	80.0	80.0	80.0	80.0	80.0	0
8		76.7	80.0	80.0	80.0	80.0			80.0	0	0		0	0	0	0
		78.7		2	•	2		2.						2.		82.0
3000		87.3		92.0	2					2	3		2.	2.	3	
			1.96	•	-		97.3	6.76		97.3	97.3	97.3	97.3	•	€.76	97.
7 2000		92.7		97.3		8	8	8	8		8		8			
			61.3	97.3	0.86	00	98.0	80	8	8	0.86	0.86	0.86	98.0	0.86	98.0
1500		92.7	97.3	-				0.86		98.0	*		8	•		
		92.7	0.86	0.86	98.7	98.7	•		98.7		8		486		98.7	98.
90		92.7		8	98.7		48.7		8	98.7		98.7				
		42.7	0.86	98.0	7.86	98.7	98.7	98.7	98.7	98.7	98.7	48.7	98.7	98.7	98.7	
88 Al		92.7		. 8								99.3				99.
		92.7	1.86	98.7	99.3	66.3	66.3	66.3		99.3			66.3	99.3		66
8		92.7	98.7		6				100.0	0		100.0				100
		92.7	1.86	98.7	66.3				100.0	ò	100.0	100.0	0	0	0	100
8		92.7	7.86	98.7		99.3	100.001	0.001	100.0	0	0			100.0	100.0	100
88		92.7	7.86	98.7	66.3	66.3		0.001		1000.0	0.001			00000	00	000
			30				0		0	0	0	0	0	0	0	
		75.7	186		68.3	79.5	0.001	00.00	0.001	0.001	001	0001	0.001	0001	0.001	000

TOTAL NUMBER OF OBSERVATIONS

150

3

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR

19 HOURS (L S.T.)

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	0 1	o Al	N AI	AI AI	e Al	2 2%	7 7	¥1 ¥	VI 71	- AI	AI	*	Z Al	2 5/16	N N	0 1
O CEILING			66.7	7.	67.3	67.3	7.		67.	67.3		67.3	61.	1 67.3		67.
≥ 20000			76.7	78.0		78.7		78.7	78.7	78.7	78.7	78.7	78.7	78.7		78.
				78.7	6	79.3	.6		79.	79.3		79.3		-		79.
14000			77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	1 79.3	79.3	79.
			77.3	78.7	6	79.3		79.3	79.3	79.3	79.3	79.3	79.	1 79.3		79.
12000		77.3	78.7	80.0	80.7	80.7		80.7	80.7	80.7	80.7	80.7	80.7	1 80.7	80.7	80.
			83.3	84.7	85.3	85.3	5	85.3		85.3	3		-	1 85.3		85.
8		82.0	83.3	84.7		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.	85.3	85.3	85.
			88.0	89.3	0.06	90.0						90.0	90.	0.06		90.
700		86.0	88.0	89.3	0.06	90.0	0.06	0.06	90.0	90.0	90.0		90.0		90.0	90.0
		86.0	88.0	89.3			0		90.	90.0			.06	-		90.
2005		86.0	88.7	0.06	7.06	90.7	1.06	90.7			90.7	90.7	90.7	90.	90.7	90.
		86.0	88.7	0.06			ò	90.7		90.7	90.7	400	-			.06
900		86.7	89.3	40.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	1 91.3	91.3	91.
		87.3	0.06	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.	92.7	92.7	92.
3000		0.06	93.3	94.7	0.96	96.0	96.0	96.0	96.0	96.0		96.0	96.0	96.0	96.0	96.
		0.06	93.3	94.7	96.0			0.96	0	0.96	96.0		96	0.96	•	
2000		40.1	0.46	95.3	7.96	96.7	7.96	96.7	96.7	96.7	.0	96.7	0	1 96.7	96.7	96
		40.4	0.46	6.36	1.96	96.7		96.7	96.7		1.96		_			96
1500			1.96	0.96	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.	-	97.3	97.
		91.3	24.7	96.7	98.0		98.0	98.0	98.0	98.0		98.0	98.0	0		
90			4.7	97.3	98.7	98.7		98.7	99.3	99.3	99.3	6	99.		99.3	66
			1.46	97.3	98.7	98.7	7.86	98.7	99.3	66.3		66.3	66	1 99.3		. 66
8		91.3	4.7	97.3	98.7	98.7	98.7	98.7	66.3	66.3		66.3	99.3	1 99.3	99.3	99.
		92.0	65.3	98.0	99.3	99.3		66.3		100.0	100.0	0	-	0.0010	100.0	100
8		92.0	95.3	98.0	66.3	86.3	66.3	99.3	100.0	100.0	100.0	100.0	100.0	0.0010	10000	100.
		92.0	95.3	0.86	66.3	66.3		99.3		100.0	100.0	100.0	-	0.0010	100.0	100.
8			95.3	98.0	66.3	86.3	66.3	99.3	100.0	100.0		1000	100	10000	100.0	100
		92.0	6.86	98.0	66.3	66.3	66.3	66.3	100.0	100.0	100.0	100.0	100	10000	100.0	100.
38			95.3	0.86	66.3	86.3	88.3	99.3		100.0	100.0	100.0	100	0.0010	100.0	100.
8		95.0	62.3	0.86	66.3		66.3		100.0	0.001	0.001	100.0	1001	0.0010	0.001	100
0			62.3	0.86	66.3	99.3	66.3	99.3	100.0	100.0	100.0	1000	1001	0.0010	100.0	100

0

0

0

TOTAL NUMBER OF OBSERVATIONS

150

10

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR

200

22 HOURS (1 S T )

							1								-	
CENTING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEE)	2	AI	8 41	4	F 3	× 2 ×	K 3	۲۷ ۲۳	¥1 YI	- 1	% AI	*	× AI	≥ 5/16	VI VI	0 11
NO CEILING		68.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	0.40	74.0	74.0	74.0
		74.7	000	-	30	2 .	2	, ,	3	20	•	30				82.7
1 4000		74.7	30.0	81.3	82.7	82.7	82.7	2	82.7	3 2		82.7	82.7	82.7	82.7	82.7
> 14000		74.7	80.0	-		82.7		2.		2.		82.7	82.7	82.7	82.7	82.7
2 12000		3	80.7	3	3.	3		83.3	83.3	83.3	•	3.	83.3	83.3	83.3	83.3
¥ 10000		77.3	82.7	84.0	86.0	86.0	.9	86.0		•	86.0	86.0	86.0	.9	86.0	86.0
		77.3	82.7	84.0	•		•	86.0	86.0	86.0	0	•	0	86.0	•	86.0
		80.7	86.7	88.0	0		0	0	0		•	0	•	.0	0	0.06
7000			87.3	88.7		•	-	:	:	-	-	-	:	-	•	91.3
			87.3	88.7	-	-	-	-	-	-	•	-		-	-	
2000		:	87.3	88.7	61.3	-	61.3	91.3	91.3	6116	-	-	91.3	91.3	91.3	91.3
		N	88.0	89.3		2.	3.	2.	2	2.	2.	2.		2		92.0
4000		82.0	88.0	89.3	2	2	92.0	92.0	92.0	2		2.	3.	2		92.0
		82.0	88.0	89.3				92.0	2.	2	95.0	2		•		92.0
3000		;	91.3	92.7	5		5	3	3	3	5			5		95.3
		84.7	91.3	92.7	95.3	65.3	95.3	5		5			95.3	•	95.3	95.3
7 2000		85.3				-	-	-	-	-	-		97.3	-	97.3	97.3
		85.3		94.7	97.3					-		97.3	-	-	97.3	97.3
1300		85.3		94.7	-	97.3	-	-	-	-		97.3	97.3	-		97.3
		85.3								8		48.7	98.7		98.7	98.7
7 1000		86.0		96.7	99.3	6	66.3		6			66.3	66.3	86.3		99.3
		86.0		1.96	•	66.3	6.66			6	66.3	66.3		6	99.3	99.3
008		86.0			6	6	66.66	8.66	6	6		66.3	66.3	6		99.3
		86.0		1.96	66.3	66.3	66.3	6.66	•	66.3	66.3	86.3			666	99.3
009		86.0		96.7	6	6	66.3	66.3	99.3			66.3	66.3	6	99.3	99.3
		86.0		64.3	100.0	0.001	0.001	0.001	•	0.001	0.001	0.00		0	100.0	100.0
N 400		86.0		97.3	•	10001	100.001	00.00		100.0	00.00	00.00	00.00	100.0	10000	100.0
		86.0		97.3	0.001	0.001	100.00	0.00	•	0.001	0.00	0.00	0.00	0	100.0	100.0
7 200		86.0		97.3	100.0	100.0	100.001	00.00	0.00	100.0	0.001	00.00	0.00	0	100.0	100.0
		86.0	1.56	97.3	100.0	0.001	10000	0.001	0.00	100.0	0.001	0.00	0.00	100.0	0.001	0.001
٨١		86.0	1.46	97.3	100.0	10000	100.001	00.00	0.001	100.0	100.00	00.00	0.001	100.0	100.0	0.001

0

0

TOTAL NUMBER OF OBSERVATIONS

150

0

8088

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1 S.T.) APR

300

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEET)	0 1	9 Al	\$ 1	7	E AI	≥ 2%	2 1	VI VI	VI VI	- A1	% Al	*	Z AI	≥ 5/16	N AI	0 11
NO CEILING			6.18	59.8		61.7	62.5	65.8		5	0.49	0.49		64.3	64.5	9.49
> 20000		61.5	0.99	00	0	0	-	:	2.	•	•	73.3	•	3.		73.8
> 18000			1.99		70.3	0	•			2.	73.3	73.3		•	•	73.9
N 16000		9.19	;		10.3	•	71.6	72.0		2.	.3			73.7	73.8	73.9
> 14000		61.6		4.89		0		2				Describ				73.9
12000		65.3			71.1	•	72.4	2		•		74.2		74.5	74.7	74.8
		64.1		-		3	3	*		5	-			9		
0006		64.2	68.7	71.1	73.1	73.5	74.4	74.8	75.0	75.6	76.2	76.2	76.4	76.5	76.7	76.8
1		68.0			78.1	8	0	6	0	0	1.3	1	-:	-	-	
7000		68.1		76.2	78.3	78.8	0			0			81.8	-	82.0	82.1
1		68.1			78.3	8		0	0	0		81.5		-	2.	
2000		66.39	3		8	6	0	0	0	-	-		82.0	2	82.3	82.3
1		4.89				0	0	0	0	1:		82.0				
141		68.8	74.3	77.3	19.5		-	81.4	:	2	2		83.0			83.3
		70.2	3	78.6		-	2	2	3	9			84.4	*		
3000		74.4	0		5		:			8			0		6	86.8
1		76.3	82.2	85.2		88.3		6	89.8	0		0.16	6.16	-	91.5	
7 2000		77.7	;	-	9	ċ	-	-	-	2	ë		93.3	3	3	
		77.7	4		0	0	-	-:	-	2			63.3			93.7
1500		78.8	š	88.3	-	-	2	93.1	3		4.46		34.7	*	;	95.0
		78.8		88.8		2		3		4	5			3	2	95.7
0001		79.2			2	2	0.46		*		9	0.96		.9		96.6
		79.3	0				*	6.96		3				9		96.8
8		79.5	86.4	89.8	3.	3	64.5		95.2	•	•		97.0	97.1	97.3	97.3
		79.7		6.06	3.5		*				97.1	1.76	4.16		41.7	97.8
8		19.8	;	4.06		*		92.6	3	•	-		7.16		97.9	98.0
		19.8	•				3		96.2	-	97.8		1.86		68.3	98.4
8		79.8	86.9		3	\$	3	0.96		-					98.5	98.6
			•	90.06	93.1	•	95.5	0.96	0	97.5	1.86	1.86	4.86	98.5		98.8
2 200			86.9	1.06				96.1			98.3	98.3	8		0.66	99.1
801 ×		19.8	6.98	1.06	93.8	5.46	92.6	1.96	96.3	41.1	6.86	6.86	8.86	1.66	4.66	99.66
o Al		19.8	86.9			4		96.1	0	7.16		98.3	•	1.66	39.41	000

0

0

0

TOTAL NUMBER OF OBSERVATIONS

1200

3

0

0

0

0

9221

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

NOUNS CL S T . MAY

2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		7	8	œ	00	80	4	9	9	1	0	0	0	0	9	9	0	9	7	2	80	œ	4	3	-	-	-	-	-	~	*	0	0
	AI O	65.		76.	76.	76.	7			89.	91.		91.	91.		91.		93.		. 76			97.			98.		98.		98.		0	00
	3	.2	8	8	8	8	4	9	9.	.7	0	0	0	0	9	9.	0	9.	.2	.2	8	8	*	4	7.	.1	7	7	-	. 1	4	0	0
	Al	65	16	10	16	16	1		82		16	16						63		76	36	96	-			86				86	66	8	8
	91,	.2	•	00	8	8	4.	9.	.6		0.	0	0		9.							œ.	4.	4.	-	-	7.	7	.1		4.	4	*
	Y 5/	69		76	76	76		82		89	6	16	5	16	16			63		46		96		45		88		98			66		2
	2	.2							.6															4.	-:	.1	-:	1.			4.		
	Al	65	76	10	76	16	7	82	82	88	16	16		6		6	0						_	6	98	96	8	86	96		66	6	2
	*	2.5			6.9				5.6	1 . 1	1.0	•	1.0	1.0	•	•		3.6				6.8	•	4.4	3.1	8 . 1	3.1	8.1	3.1	8.1	4.6	4.0	*
	۸ı	9	-	-	~	1	1	00	00	2	0	3	•	0	0	6	0	5	0	6	0	0	0	0		6		6				0	0
	*	5.2		•					2.6		1.0			•				3.6	•		•		7.4	7.4	8.1	8.1	9.1	8.1	8.1	8.7	4.6	•	3.
	ΛI	9	-	-	-	1	-	00	8	00	0	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0				0
	-	5.2	6.1	6.8	6.8	6.8	4.4	1.9	1.9		0.3			0.3			2.3	5.9		3.6	•	6.1	6.8	6.8	7.4	7.4	4.4	7.4	7.4	8	8	8	
ILES)		9		~	7	7	7	-		_		-		6		-		6		6	3 9	0		6 8		-	6		2	0	0	0	0
VISIBILITY (STATUTE MILES)	7.1	3.			4.8		5.5		80.0		8.4		8.4		9.0									*	5.5			5	3				
STATU	٨١	2 6		8		8 7	-	_	0 8	1 8		8	4	-	8	_	9	6		6 9		5		_	0	-	0		5	9	0	0	^
ווג	71	3					3	0			8	8		8		6		-:	-	-:	2			;	5	5		2	2				
18181		2 6		8	1 3	1 8	5	-	8	1 8		8	4		3	_	3	0	9	6 9	5	_	0	0	5	5		5	5	6	6	0	7
	7	3.	. 4	*	*	*	3	0	80.	37.	8	.8	.0	8	.6	6	0	-	-		2	•	;	4		5	3	5		.96			.96
1		_		_				-	4	_		83		2		8	-	-	4	3		0		-	M	-		-		_	-	0 0	-
	7 2%	61.		12	72.	72.	73.	13.		84.		85.		85		85.	87			88		91.	91.	91.		92.		92.		92.	38	25	72
			_	3	m	•	0	_		_		-		~		~	3		~	-	4	_	0	0	9	9		_		•	-		0
	VI S				72.				76.			85		85.				87.	37.	87.	88.	0	91.	91.	91.	.16	16	91.	91.			35	
		-	~			1	m	2	~		0	6	0	6	0	c.	2	0	eu.	5	2	er.	-	-1	1	1	~	1		-	-	- 1	-
	Al	58	69		69		70	74.		80	-	8	8	81	8	81	-	83	*	84	10	86	87	8	87	87	8.1	8.1	84	00	87	8	87
	_		-	-	-	-	-		2		-			-	-			.2	8		8	7.	7.	7	00	0	63		8	00	8	30	0
	Al	15	61	61	61	19	19	65	65	17	72	72	72	72	72	72	73	14	74	14	4	16		16					16	16	10	2	0
	•	~	.3	.3		•	6.	s.		0						.3		~			6.	'n	.5		. 2	.2	.2	2		.2	. 2	2	2.
	AI	43	52	52	52	52	52	5.5	55	09	0	61	0	0	5	0.1	62	63	63	63	63	40	9	99		65				6.3			0.5
	9																																
	AI																																
9	-	S	8	8	8	8	8	8	8	8	8	8	8	8	4000	8	8	8	8	8	1500	8	1000	8	008	8	9	8	400	300	8	8	•
CEILING		NO CEILING	× 20000	180	2 16000		2 12000		000	1	7000	1	2000		4	1	3000	1	7 2000		71	1	E IVI		٨١		3		A AI	AI		Al	1
		ž	,	_					· /·							_^			,,,,		-										"	,,,,	

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0

0

TOTAL NUMBER OF OBSERVATIONS

155

3

DIRNAVOCEANMET SMOS

0

88.4

88.4 88.4

87.1

87.7

78.7 78.7

> 77.4 81.9 81.9 86.5

83.2 83.2 87.7

78.7

78.7

77.4 77.4

53.2

91.0

016

89.7

86.5 89.0 1.68

85.8

84.5 85.2 87.1

81.9

81.9

79.4

80.7

78.1

4.89

54.2 62.6

7.69

63.6

35.5

89.7

1.68

93.0

93.6

92.3

91.6 91.6

89.0

88.4

84.5 84.5 85.8 85.8 85.8

84.5

81.9

74.8

72.3 72.3

82.6

82.6

80.0

70.3

55.5 63.9 65.2

87.1

86.5

93.6

92.3

91.6

90.3

8.46

8.46

93.6

8006

89.7

88.4 88.4

85.8

83.2

76.1

73.6

66.3

65.2

56.8

56.8

85.8

3 83.2

16.1

73.6

66.5

58.1 58.1

41.3

76.1

73.6

66.5

58.1

41.3

84.5

81.9

14.8

89.0

88.4

87.1

8.46 8.46

93.6

6.76 6.26

90.3

1.68

8.46

93.6

8006

89.7

88.4

95.9 93.6

93.6

91.0

8.06

86.5 88.4 89.0

86.5

83.9

76.8

74.2

67.1

58.7

73.6

58.1

41.3

88

AI AI

38.4

85.8

91.0 92.3

1.68

88.4 89.0

85.8

85.8

83.2

95.5

95.5 4.16

98.1

1.96

93.6

6.26

92.3 93.6 94.2 97.4 98.1

89.0

0.68 89.0

87.7

84.5 87.1 87.1

83.9

82.6

80.0 4.61

80.0

77.4

19.4

76.8

89.0

87.7 88.4 88.4

84.5 85.2 85.2

82.6 83.9

80.0 80.7

80.0

77.4

6.0 71.0

80.7 80.7

78.1

68.4 4.89 68.4

78.1 78.1

11.0

89.7 89.7 89.7

89.7

87.7

89.7

7.68

88.4 49.4

87.7

85.2

83.2 83.2

80.7 80.7

80.7

71.0 72.3 12.9

65.6

87.7

85.2

84.5

87.7

84.5 84.5

83.2

80.7

84.5

83,2

88.4

88.4

87.1

86.5 80.5

83.9

79.4 79.4

76.8

87.1

88.4

88.4

87.1

63.9

3

155

8

# WAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

FLURIDA

CECIL FIELD,

93832

CEILING VERSUS VISIBILITY

E

MAY

04 HOURS (1 5 T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5		
MILES	1	
₹	ı	
Ξ		
2		
<		
STATUTE		
_	•	
~		
⊒		
9		
/ISIBILITY		
>		

2 1/2 5/16	
Z.	
*	
% Al	
ĀI	
VI 7.	
۷۱ ۲۰	
N N	
1 2%	
es Al	

AI

1 AI

	7,000												
	VI %	6119	16.8	16.8	76.8	76.8	76.8	81.3	81.3	85.8	86.5	80.5	-
	*		2	~	2	2	2	-	1	N	83.9	6	1
	% AI										83.2		
(6	-	-	-	-	-	-	-	-	-	_	81.9	-	
IOIE MILES	¥1 ¥	56.8	2.69	4.69	1.69	2.69	1.69	74.2	74.2	78.7	4.64	79.4	-
VISIBILITY (STATUTE	V1 7/	œ	1	. 1	-			~	~	1	4		
NISIA .	N N	55.5	67.7	2.19	1.19	2.19	1.19	71.6	71.6	76.1	76.8		
	≥ 2%	0	-	-	-	-	1.0	2	S.	0	1.69	1.	-
	ε Al	7.1	3.1	3.1									
	4										61.3		
	۶۰ ۸۱										53.6		
	9 Al	6.5	5.9	5.9	0	5.0		8.4	4.9				
	0 4												
						1						1	

40 CEILING

Y 20000

VI VI 00081 16000

12000

(FEET)

3.6 61.3 67.1 69.7 70.3 1.69 67.1 67.7

67.7 53.6 61.9 62.6 53.6 38.1

2000

AI AI

800 7000

AI AI

54.2 62.6 34.5 54.5 38.7 38.7

AI AI

AI AI

40.0 38.7 38.7

AI AI

40.0 41.3 40.7 40.7 1500 1200

0

88 88 AI AI

AI AI AI AI ALAI

0

0

0

0

SMOS

DIRNAVOCEANMET

TOTAL NUMBER OF OBSERVATIONS

98.1100.0100.0

4.76

2.46

93.0

92.3

89.7

89.7

87.1

78.7

76.1

0.69

0.09

45.6

80

ALAI

18.7

76.1

0.69

0.09

45.6

29.4

45.6

88

ALAI

58.7

89.7 89.7

0.68

86.5 87.1

78.1

75.5

74.8

76.8

80.0

83.2

80.7

65.2

AI

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

FIELD, FLURIOA CECIL

93832 STATION

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

HOURS (L S.T.

200

MAY 07

81.9 83.9 65.2 19.4 85.8 86.5 88.4 63.9 0.69 0.69 72.9 72.9 73.6 75.5 88.4 83.9 72.3 76.8 81.9 14.2 78.7 ٨I 19.4 65.2 0.69 0.69 73.6 88.4 88.4 72.3 72.9 75.5 81.9 81.9 83.9 83.9 85.8 76.8 78.7 86.5 63.9 72.9 5/16 Al 13.6 72.3 74.8 1001 4.89 11.6 81.3 63.2 63.2 63.2 64.5 72.3 72.9 78.1 81.3 83.2 83.2 85.2 87.7 87.7 78.7 83.9 85.8 2 ٨I 71.0 73.6 10.4 6119 6119 6119 71.6 72.3 14.8 76.1 79.4 81.3 83.2 85.2 61.9 71.0 16.8 81.3 85.2 63.2 67.1 1019 6701 AI 61.9 61.9 71.0 84.5 60.99 70.3 72.9 74.2 82.6 70.3 83.2 84.5 76.1 78.7 80.7 78.7 69.7 80.7 AI 81.9 63.9 0.69 71.6 76.1 70.3 72.9 73.6 80.0 81.9 80.7 59.4 0.09 67.1 67.7 4.89 76.1 78.1 78.1 61.9 67.7 ٨I 61.3 63.2 63.2 70.3 70.3 72.3 72.3 54.8 61.9 64.5 65.8 65.8 67.1 74.8 76.1 74.2 76.1 67.7 54.8 54.8 54.8 ٨١ 61.9 64.9 67.1 74.2 58.7 61.3 61.9 70.3 76.1 54.8 54.8 10.3 72.3 72.3 74.8 76.1 84.8 67.7 56.8 58.7 82.9 29.4 0.09 52.9 65.2 52.9 63.6 72.3 74.2 52.9 52.9 56.8 0.09 61.3 62.6 4.89 70.3 74.2 70.3 65.8 68.4 Al 47.1 52.9 53.6 57.4 0.00 62.6 53.6 54.8 56.8 61.3 61.3 51.0 51.0 55.9 52.9 56.1 64.5 64.5 47.1 47.1 272 61.3 46.5 51.6 52.3 53.6 55.5 0.09 46.5 46.5 46.5 1.64 51.6 52.3 54.8 56.1 58.7 58.7 60.7 62.6 62.6 1.67 51.6 60.0 N Al 0.64 38.1 B. 64 47.1 0.64 51.0 50.3 50.3 38.1 38.1 43.2 43.2 43.2 44.5 50.3 52.3 52.3 38.1 41.3 41.3 43.2 46.5 43.2 ٨I 39.4 34.5 34.2 37.4 39.4 41.3 45.8 45.8 47.1 39.4 39.4 41.9 44.5 44.5 46.5 34.5 37.4 45.8 47.1 39.4 40.7 42.6 34.2 AI 31.6 22.6 22.6 25.8 27.7 27.7 28.4 28.4 29.0 29.7 31.6 32.3 32.3 32.3 32.9 33.6 33.6 22.6 27.7 Al 2 Al

SMOS DIRNAVOCEANMET

0

NO CEILING

(FEET)

VI VI 00091 ≥ 20000

V IV

00 % 00 %

AI AI

2000

AI AI

900

AI AI

4500

ALAI

3300

AI AI

0

2000

ALAL

1800

ALAI

0

98

ALAI

88

ALAI

1808

90.3

90.3

89.7

87.1

86.5

83.0

78.1

78.1

75.5 77.4 77.4

65.2

63.2

52.9

34.5

88

AI AI

0

82.9

80.0

80.0

80.7 81.3

65.2

52.9

47.7

34.5 34.5

88

AI AI

(1)

47.7 47.7

78.1 78.1

92.3

91.6

6.76

89.0

86.5 87.1

93.6

93.6

34.5

91.0 91.6 91.6

0.16

91.0

87.7

1.3

81.3

60

52.9

47.7

34.2

80

ALAI

2

34.2

88

AI AI

1

3

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

-

Selling							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)		-				
(FEET)	21	o Al	\$ 1	4 Al	e Al	2 2%	2 4	71 71	¥ .	-	* AI	*	Z AI	≥ 5/16	N AI	0 11
NO CEILING		43.9		46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
> 20000		59.4	6119	6119	-	6119	6.19	61.9	6.19	61.9	61.9	61.9	61.9	61.9	61.9	6119
V 18000		59.4		61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	6119	61.9	6119	61.9
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		59.4	61.9	6119	61.9	61.9	6.19	61.9	6.19	61.9	61.9	61.9	6119	61.9	610	61.9
> 14000		29.4		6119	61.9	6119	6.19	61.9	61.9	6119	61.9		6119	6119		6119
12000		0.09	62.6	9.29	62.6	05.0	9.79	62.6	62.6	62.6	62.6	9.79	95.29	65.6	9.29	9.29
00001 4		0.09		62.6	62.6	62.6		62.6	9.79	62.6	3		9.29	62.6		62.6
900		0.09	62.6	62.6	62.6	62.6	9.29	62.6	62.6	62.6	62.6	95.29	9.29	65.6	62.6	9.29
1				4.89	4.89	4.89	58.4	4.89	4.39	4.89		68.4		68.4	4.89	4.89
141				69.7		1.69		69.7	1.69	69.7	6	69.7	69.7	69.7	69.7	69.7
1				69.7	1.69	1.69					0	1.69	69.7	69.7	69.7	69.7
2006		6.99		69.7	1.69	1.69	1.69	69.7		1.69	0	69.7	69.7	69.7	69.7	
1		66.8			1.69	1.69		69.7	69.7	1.69	69.1	6	69.7	69.7	69.7	69.7
141		67.7	7.	71.0	71.0	71.0	71.0		71.0	-	-	71.0	-	71.0	71.0	71.0
1		68.4		71.6	-	-	-		11.6	71.6	71.6	11.6	11.6	71.6	-	71.6
3000		72.3	76.	76.8	76.8	76.8	0	76.8		16.8	76.8	76.8		76.8		16.8
		76.8	80.	81.3	81.3	81.9		-	6.18	81.9	81.9	-	:	81.9	81.9	81.9
7 2000		85.8	68	80.3	0	-	-	0.16	-	91.0	-	:	-	91.0	91.0	91.0
0081 2		85.8		6.06	600		91.0	•	01.0	91.0	•	٠,	:	91.0	•	016
> 1500		8006	94.	94.8	*	95.5	3	95.5	2	_			45.5	95.5		95.5
≥ 1200		91.0	. 76	62.5	95.5		1.96	1.96	96.1	1.96	•		•			96.1
		91.0	*	95.5	0	1.96		•	0		1006		1006	96.1	100	1006
8		0.1.0	•	1000		000	0 0	20.0	0	0.00		0100	•	9000	2000	10.0
			•	7.04		2000	-	•	*	2	-			* * * *		100
88		0.16	95.0	1.06	1.06	90	4.76	97.6	97.4	07.4	97.4	97.4	97.6	97.4	97.4	97.4
		0.10	2	96.1	9			98.7		48.7	8	_	98.7	98.7	98.7	98.7
88		91.0	95.5	96.1		97.4	98.7	98.7	4.66	4.66	4.66	4.66	4.66	4.66	4.66	
1		9116	1.96	8.96		98.1		4.66	0	0.00	0	100.0	100.0	0	0	0.00
7 200		91.6	1.96	96.8	96.8	98.1	4.66	99.4	00.00	100.0	0.001	100.01	100.0	100.0	0	00.00
8		91.6	1.96	96.8				4.66	•	0	•	0.001	•	0	1000	
		71.0	100	90.0	20.0	1.94	30.4	4.66	0000	0000	0001	0001	0.001	10000	0000	0000

0

0

0

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0

0

3

TOTAL NUMBER OF OBSERVATIONS

155

8

0

> SOWS DIRNAVOCEANMET

93832

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

MAK

3010

13 HOURS (L S T )

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	.ES)						
(188)	71	٨١	S) Al	AI	e Al	۲ 2%	7	۲۱ ۲۰	VI %	-	X Al	* AI	X AI	≥ 5/16	AI 2	٨١
NO CEILING		32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.
I 20000		47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	•	47.7	47.7	47.7	47.7	47.7	47.
N 18000		47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.
≥ 16000		47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.
> 14000		47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.
¥ 12000		47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.
		0.64	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.
0006 -		49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.
		52.3	52.9	52.9	•	55.9	52.9	52.9	52.9	•	52.9	2	52.9		52.9	52.9
2 7000		53.6	54.5	54.8	54.8	54.8		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
		53.6	54.2	54.8	54.8		54.8		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.
0005		53.6	:	54.8	54.8	54.8		54.8		54.8	54.8	S	54.8	54.8	54.8	54.6
			54.2	54.8	*	54.8	54.8	54.8	54.8	54.8	54.8	54.8		54.8		
000		54.5		55.5	55.5	55.8	55.5	55.5	•	55.5	55.5	~	55.5		55.5	55.5
			39.4	0.09	0	0.09	0		0	0.09	60.0	60.	0	0		
3000			77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	8		78.1	78.1	78.1	78.1
		82.6	85.2		3.		85.8			85.8	3		3	5	85.8	
7 2000		89.0	91.6	65.6	92.9	92.9	5	92.9	2	92.9	2	92.9	92.9	92.9	2	92.9
		89.7	•	93.6	93.6	93.6	93.6	93.6		93.6	93.6	0			3.	
≥ 1500		92.3	. 76	1.96				96.1			96.1	96.1	96.1	96.1	96.1	96.1
N 1200		92.3	94.8	96.1				96.1	•	è					1.96	
V 1000		92.9	95.5	96.8	90.96	96.8	96.8	96.8	96.8	8.96	96.8	8.96	96.8	96.8	96.8	96.8
		93.6	1.95	47.4			97.4	97.4		97.4		97.4		97.4	97.4	97.4
008		34.2	96.8	98.1	98.1	98.1	98.1	98.1	98.1		4.66	4.66	4.66	4.66	6	99.4
		34.2	:	98.1	98.1	98.7	98.7	98.7	48.7	4.66	0.001		100.0	100.0	100.0	100
<b>8</b>			96.8	98.1		98.7	98.7	48.7	4.86	4.66		100.0	100.0			
		34.5	•	98.1	98.1		98.7	98.7	98.7	4.66	0000				100.0	
7 400		94.2	96.8	1.86	1.86	98.7	98.7	98.7	98.7	4.66		100.0		100.0	10000	100
		94.2	96.8	98.1	1.86		98.7	98.7	98.7	4.66	0.001		100.0		100.0	
> 200		94.2	96.8	98.1	98.1	98.7	98.7	98.7	98.7	4.66	0.001	100.0	100.0	100.0	100.0	
8		34.2	8.96	98.1	98.1		98.7	98.7	98.7	4.66	00.00	100.0	100.0	100.0	100.0	100.
o Al		94.2	90.96	98.1	1.86	98.7	98.7	98.7	98.7	4.66	10000	1000	100.0	0000	10000	

0.

0 0

0

0

0

0

0 0 0 0 0

TOTAL NUMBER OF OBSERVATIONS

155

8

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

HOURS (1 S T.) MAM

E

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	<b>ES</b> )						
	۵ ا	٥ ٨١	N N	VI 4	ε Al	Y 2%	N Al	VI 75	VI %	Ā	≱ Al	*	% Al	≥ 5/16	× 1	٨١
NO CEILING		-	34.2	34.2	34.2	34.2	4	34.2	4	34.2	4				4.	34.2
≥ 20000		-			4.	4	4.		4.	54.2		*	*			54.2
≥ 18000		52.3	š		3	55.5	3.		5.	5.	3.	•	5.	•	5	55.5
≥ 16000		-	55.5	5		3	55.5	55.5	55.5	55.5	55.5	3	55.5	55.5	55.5	55.5
14000		52.9	1.95	56.1	1.95		0		9	56.1	0	56.1	0		0	56.1
12000		53.6	•	56.8	;	56.8	56.8	80.8	;	56.8		56.8	200	56.8	56.8	56.8
		56.1	59.4	59.4	59.4		6	59.4			6			59.4		59.4
0006 AI		56.1	59.4	29.4	29.4	59.4	59.4	59.4	6	59.4	59.4	29.4	6		59.4	59.4
		58.7	-	61.9	6109		-	61.9	-	61.9	-	-	-	-	-	61.9
> 7000		58.7	-	61.9	61.9	61.9	:	61.9	6119	6119	6119	6119	61.9	61.9	61.9	6119
		58.7	:	61.9	-	-			-		-	-	-	-		61.9
2000		58.7	:	61.9	62.6	62.6	2.	9.29	~	9.29			2	3	62.6	62.6
1		61.3				2.59	3		2	3.			5	3	3	65.2
141		66.5	69.7	70.3	71.0	71.0	71.0	71.0		71.0	-	-	71.0	71.0	71.0	71.0
		69.7	3	73.6							:	*	*	4	*	74.2
3000		78.1	:	82.6	83.2	83.2	83.2		83.2			83.2	3	83.2	83.2	83.2
1		83.9	88.4			0116		:			-	-		-		91.6
> 2000		84.5		91.6			2.		3	3		*	*	•	93.6	93.6
		84.5	89.7	91.6	65.6	N	6.76			3	93.6				93.6	93.6
≥ 1500			6006	2		93.6			*	*		8.46	*	;		94.8
			6006		3	93.6		2.96		8.96	*		8. 56		8.46	94.8
V 1000		85.2	-	93.6			96.1	-	1			98.1	8	98.1	1.86	1.86
8			0.16	93.6	65.5	68.5	.0			1000	8	1.86		1.86	1.86	1.86
			:	93.6	1.96			98.1		2.86	6	4.66	4.66	4.66	4.66	4.66
		85.2	1:			1.96	8.96		98.1	98.7	4.66	4.66	4.66	7.66	4.66	4.66
8			91.0	93.6	1.96	96.1	. 9	98.1	98.1	4.66	00.00	00.00	0.00	100.00	0000	00.00
10		85.2	0.16		1.96			98.1		4.66	0.00	00.00	•	•	0	0000
> 400		85.5	91.0	93.6	1.96	96.1	8.96	98.1	98.1	4.00		00.00	00.00	100.00	00.00	0000
		85.2	91.0	93.6	1.96	1.96		98.1		7.66	0000	0.00	0000	00.00	00.00	00.00
1 30		85.2	91.0	93.6	1.96	1.96	96.8	1.86	98.1	4.66	00.00	00.00	00.00	0	00.00	0.00
8		85.5	0.16	0		1.96	. 9	98.1			0.00	0.00	0.00	00.00	00.00	0.00
٥		85.2	91.0	93.6	1.96	1.96	8.96	1.86	98.1	4.66	0.00	00.00	00.00	00.00	00.00	0000

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (1 S T ) MAY

200

CNIE							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	[S)						
(FEE)	N 0	» Al	N AI	4	e Al	Y 2%	2 1	¥1 Y	VI 71	-	× N	*	Z AI	≥ 5/16	N NI	0 11
NO CEILING		45.2		48.4		48.4		4.84	8						48.4	48.4
> 20000		59.4		65.2	65.8	66.5	66.5	66.5	•		66.5	66.5			66.5	66.5
V 18000		60.7	65.8	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
N 16000		60.7	2	66.5			•	•			67.7	67.7		1		67.7
V 14000		60.7	3	66.5	7.		-	1.	-	-	1.	67.7	67.7	7	67.7	67.7
> 12000		62.6	1.	68.4			1.69	69.7				69.7	6		6	69.7
		64.5	6	70.3		72.3	2.	2.		5	2	72.3		2.		72.3
900		64.5	69		-		5		2	5	5	72.3		2		72.3
1		70.3	75.			00	8				8	8	00	8	8	78.1
780		71.0	-	78.7	19.4	80.7	80.7	80.7	80.7		80.7	80.7	80.7	80.7	80.7	80.7
		71.0	77.		6	0	0	0	0	0	0	0	0	0	0	80.7
900		71.0	-		80.0	-	-		-	-	-	-	-	-	-	81.3
		71.0	78.	6	0	-	:	-:	-	-	:	-	-	-	-	81.3
90		72.9	80.		2	100							3	3	3	83.9
		74.2	81.		3.	27	5	5	5	3	5	2	2	5	5	85.2
300				87.1	-		6		6	6	6	6		6	6	
		78.1	9	88.4	6	-	-	-:	-	-	-	-	-	-	-	91.0
700		79.4	6	91.6	2.	*	*		*	*	;	;	;	;	;	
		79.4	6	-	2.	*	*		*	3	;		*	*	:	2.46
120		80.0	0		3		*		;	*	*	4	;		;	94.8
		80.7	-		*	9	0		9	9	•			.9	•	
900		81.9	3	98.5	8.96	8		8		8			8		8	98.7
		81.9	2	3	.0		. 80	•			98.7		8	8	98.7	98.7
8		81.9	3	•		6	6		6	6	4.66			6	4.66	
		81.9	92.	95.5	9	4.66	4.66				4.66	4.66	0	6	4.66	4.66
8		81.9	92.	95.3	;		4.66				4.66					
		81.9	3.	95.5	0		4.66			6	4.66	4.66		ċ	0000	0000
8		81.9		95.5			4.66	4.66	4.66		4.66	4.66	0.00		00.00	00.00
		81.9	2	62.5	9	4.66	4.66	4.66	4.66		4.66	4.66		0	00.00	0000
8		81.9	92.9	98.3	8.96	4.66	4.66	4.66	4.66	4.66	4.66	4.66		0	00.00	00.00
		•		95.5		4.66	4.66	4.66	4.66	4.66	4.66	4.66	0.001	0.001	10.00	0.00
٥		81.9	3	95.5	8.96	4.66	4.66	4.66	4.66	4.66	4.66	4.66		100001	00001	

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TOTAL NUMBER OF OBSERVATIONS

155

0

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SOWS DIRNAVOCEANMET

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAY

i

22 HOURS (1 S T )

	0 1	58.7		78.1	78.1		78.1	84.5		90.3	9116				95.9	95.9		8.76	95.5	95.5			98.7		4.66	4.66	4.66	4.66	4.66	4.66	0.00	0.00	0.00
	۸۱ ۲	1.	8.1	78.1	1.87	18.1	78.1	84.5	4.5	0.3		1.0	2.3	2.3		5.9	7.5	4.8	95.5	5.5	9.9	8.7	8.7	8.7	4.66	4	4.	4	4.66	*	10.00	0	00.00
	9/16	8.7	8.1	8.1	8.1	8.1		4.5	4.5	0.3	1.6	1.6	2.3	2.3	5.9	5.9	4.2	4.8	5.5	5.5	6.9	8.7	8.7	8.7	*	4.66	4.6		4	*	0.0	10.0	00.00
	A) 25 A)	8.7 5	70	8.1 7	8.17	8.17	8.1 7	4.5 8			1.6 9	•	6	-	•	5.9 9		. 8		5.5 9		.7	6	8.7 9	4.	6 4.6	*	*	4	*	-	•	0.000
	*	.7 58	1.	.17	•17	.1 7	.1 7		.5 8	6 6.	9.	9.	.3 9	.3 9	6 6.	6 6.	.2 9	00		• •	8		.19	6 1.	6 4.	6 7.	.49	6 7.	6 4.	6 4.		010.	.010
	Al		1 78	1 78	1 78	1 78	1 78	2	00	2	9		_	-	0	-	7 84	8	5	5 62	8		1 98	4			4	66 5	4 99	5	2	-	0100
	AI	58.	1 78.	1 78.	1 78.	1 78.	1 78.	\$ 84.			6 91.	0	3 92.	_	9 92.	0	2 94.		5 95.				7 98.	1 98.	66 1	66 1	4 99.	66 7	4 99.	66 \$	0100	0100	0010
(ES)	Ä	58.		78.		78.	78.	84.	;		91.6	-	2	20	2.	2	;	*	3	95.	•		98.	98.		99.1		6				100	100.
ATUTE MI	7 7	58.7	78.1	78.1	78.1	78.1	78.1	84.5		90.3		٠		2		2		;	95.3	3	;	98.7		98.7	4.66	4.66	4.66	99.4	4.66	4.66	0000	0.001	00.00
VISIBILITY (STATUTE MILES)	71 71	58.7	78.1	78.1		78.1		84.5		8006	91.6		92.3	92.3	95.9	2	2.46		95.5					1.86		4.66	4.66	4.66	\$ . 66	4.66	00.00		00.00
VISII	AI	58.7	78.1	78.1	78.1	78.1	78.1	83.9	93.9	6	0.16	0.16	-	9.16	2	5.	93.0	3					98.1		7.86		1.86	7.86	7.86				99.41
	2 2 %	58.7	78.1	78.1	78.1	78.1	78.1	3.9	63.6	1.6	1.0	1.0	1.6	1.6	2.3	2.3	3.6	2.4	4.8	94.8	6.1	8.1	8.1	1.86	8.7	7.86		1.86		8.7	4.6	* . 6	4.66
	e Al		1.8	78.1	18.1	18.1	1.8	-	83.9	1.6	0.16	0.1	9.1	9.	2.3	2.3	93.6	4.2		8.4	1.96	7.	8 . 1	9.1	8.7	8.7	8.7	1.86	1.86	8.7	4.66	4.6	4.66
	<b>A</b> I	8.7	1.8	18.1	8.1	8.1	8.1	5.6	2.6	8.4		-	6.0	•	1.0	1.0	2.3	5.0	3.6	3.6	8.4	6.8	6.8 9	6.8 9	6.8 9	0		8.9	8.9	6.8	7.4	4.4	7.4
	<b>S</b> 5	5.5 5		4.8		4.8 7	4.8 7	8.7.8		.5	8	8	3	• 2	-:	7.	4.	0	.7	6.16	.3	2.3 9	.3	2.3 9	.3	2.3 9			2.3	· .	6.	6.	2.9 9
	•	52.9 55							-	-	•		•		*	4.		•	0.	0.	•	6.	6.	6.	0.	6.	6.	6.	•	6.		.5	4.5 9
	۸۱	2	~	7	-	1	7	-	-	-	7	-	7	-	7	1	80	80	80	81	00	(0	80	00	80	æ	00	00	œ	00	80	80	
	Ā																																
CEILING	(FEET)	NO CEILING	¥ 20000	N 18000	16000		12000		000		7000		2000	1	141		3000		7000		1500	1	9		8		8		8		700		o Al

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0.

TOTAL NUMBER OF OBSERVATIONS

155

0 =

0

Q.

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.)

MAY

EILING							VIS	VISIBILITY (STATUTE MILES	ATUTE MIL	ES)						
(FEET)	5	AI	8 41	1	AI AI	> 2%	2 4	VI VI	71 71	-	% Al	≱ ∧I	Z AI	≥ 5/16	N N	٨١
CEILING		36.5	-	4.		6.				9.		49.5		0		
20000			55.7	58.3		61.1		63.5		;		3	65.7	5		
18000		8.69		58.8	0	-		3.	9	*	3	5		9		66.5
16000			56.1	58.8		-	63.3	63.8	63.8	*		65.5				66.3
14000			•	58.9	-	-	3.	63.9		3	3	5		9		66.5
12000		50.3		59.4	-	62.0	63.9	4.49	*		1.99		66.7	.0	67.0	67.2
10000		52.4	6	62.0			7.	67.7	7.	68.9	6	9.69	70.1	70.2	70.4	70.6
0006		52.4	6	62.0				7.		*				0	70.4	70.6
9000			3	66.5	6	0		2.		3				3.		75.3
7000		57.0	64.3	67.7	70.1	70.8	72.9	73.6	73.6	4	75.4	75.6	76.1		76.4	76.5
0009				67.7	ò	0	2	3.		4						76.5
9000				-		-		3		5				9	76.7	76.9
4500			4.	00	0	-	3.		*	5	9			9		77.3
9004			•	8.69		3	3			-	7.				78.8	79.0
3500			-		3	4	.9	-	-	8	6			0	0	
3000		64.3	2.	76.1	78.7		-	2.	82.4					3	85.3	85.5
2500			3		-	2	3	5	5	9				8		88.6
2000				82.0	;	5	8	8		0	0			-		91.8
1800		4.69	8		4.			88.7		0	0			-		91.9
1500		70.7	79.5		;	-		90.5	0	-	2			3	93.5	93.6
1200			0	4	-		0	-	-	2.	3					94.5
90			80.7	85.1		6	-	92.7	2		;		:	5	95.7	95.8
8		71.7	0	85.3		0	3.	2.	3	4				5	69.6	96.1
8		72.0	81.3	85.8	89.2	90.2		93.7			95.9	96.1	96.7		97.0	97.2
700		72.0	-	85.8		0	3.		•	3.					97.1	97.3
8		72.1	-			0				5	;	96.5		-	97.4	97.6
200		72.1	-	65.6		.0		4.46	*	•			97.6	7	6.46	98.1
907		72.2	81.5	86.0	6	0					;		-		98.2	98.4
300		72.3	81.5	86.1	89.6	0		95.1		.6		91.6	98.4		7.86	98.9
200		72.4	81.7	86.3		-	84.3	95.2	95.3		7.76	-	98.7	8	0.66	99.3
901			81.8	86.4	89.8	91.1		95.3	95.4	97.1	61.6	1.86	6	99.1	80.66	
•			81.8	86.4		91.1	94.46	95.3	95.4	97.1		98.1	0.66	99.1	6	0000

TOTAL NUMBER OF OBSERVATIONS

89.3

89.3 89.3 0.06

89.3

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

HOURS (LS.T.) NO NO

1881

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) ¥1 ×1 7 1%

AI 74.0

٨١

2 5/16 60.

\*

.09 AI 74.7 74.7 74.7

75.3 75.3 60.7 75.3 77.3

74.0

74.0 74.0

74.0 74.0 74.0

70.0

70.0

63.3

52.7

VI VI 0009 1 4000

0

0.0 72.0

10.0 72.0

0.4

70.0

68.0

59.3

7

1 2%

N Al

4

1

AI

2 AI

(FEET)

NO CEILING

0

¥ 2000

75.3 75.3

75.3

75.3

.09 × Al

60. 2 Al

75.3 80.7 75.3 77.3 75.3 80.7 80.7 87.3 88.0 80.7

76.7 80.0

10.0

76.0

74.7

0.44 16.0

14.0

80.

80.7

77.3

75.3

75.3

80.

80.7

88.0

88.7

88.7

77.3 88.0 80.7 80.7 77.3 88.7 89.3 80.7 88.7 80.7 88.0 88.0 88.7 88.7 89.3

88.7

88.0

87.3

87.3

87.3 87.3

86.7

86.7

86.7

82.7

80.0 82.7

16.7

80.0

19.3

79.3

79.3

75.3

75.3

72.7

68.0

79.3

79.3

19.3

15.3

75.3

72.7

68.0

26.0 56.0 62.0

900

65.3

54.7

12000

AI AI

0

88.7

88.0 88.7

87.3

87.3 0.88

83.3 84.0

83.3 84.0

83.3

80.7 80. 61.3

75.3 75.3

62.7

7000

AI AI

0

62.7

88.0

88.0

0.06 89.3 89.3 88.7 88.7 90.0 0.06 92.0 92.0 89.3 89.3 0.06 0.06

89.3

89.3

88.7

88.0

88.0

88.0

0.78

84.0

81.3

63.3

16.0 10.0

63.3

9000

90.0 0.26

89.3

88.7 88.7 88.7

91.3

7.06

90.7

7.06

89.3

88.7

88.7

88.7

84.7

84.7

82.0

76.7

0.49

4500

AI AI

0

84.7 36.7

82.0 84.7

16.7

0.49

65.3

3500

AI AI

O

92.0 0.06 92.7 95.3 95.3 95.3 96.0 96.0 1.76 95.3 7.26

95.3 95.3

1.26

92.0 4.7

€.16

61.3

91.3

87.3

87.3 90.0 0.06

84.0 36.0

0.8 78.0

65.3

80.0

67.3

2000

AI AI

86.7

83.3

0.96 0.46

0.46

0.56

0.06

0.46

0.46

90.0

86.0

80.0

67.3

92.0

92.0

0.06

92.

0.06

92.7 95.3 65.3 0.86 95.3 0.96 0.96 98.0 0.96 0.96 98.0

0.96 0.96

95.3 95.3 97.3

1.56 7.76 7.96

94.7

4.7

90.7 90.7

1.06

86.7 86.7

80.7

0.89 0.89 68.0 0.89

8 8

AI AI

0

900

AI AI

0

80.7 80.7

1.06

1.46

1.56

94.7

0.96 96.0 98.0

95.3

95.3 0.96 0.86 0.96 98.7 98.0 98.7

0.86

0.86

97.3

1.96 97.3

96.7

1096

92.7

92.1

80.7 88.0

1.96

7.96

92.7

7.26

88.0

98.7

98.0

8.16

6.16

93.3

93.3

88.7

81.3

68.7

88

AI AI

0.86

98.7 98.7 98. 66.3 0.86 48.7 98.7 98.7 86.3 98.7 98.7 99.3 98.0 98.0 7.86 98.7 98.7 98.7 98.7

99.3100.0100.0100.0100.0100.0106.08 00.0010.00100.00100.00100.00100.00100.00 99.3100.0100.0100.0100.0100.0100.0100.0 99.3100.0100.0100.0100.0100.0100.0 99.3

0.86

98.0 0.86 98.0

0.86

89.3

81.3

68.7

88

AI AI

81.3 81.3

89.3

81.3

98.0

98.0

0.46

0.86

0.46

0.46

89.3

58.7

80

AI AI

0.

0.86

66.3

98.7

97.3 0.86 98.0

97.3

8.16

7.86

67.3

61.3

5.16

63.3

88.

93.3

88.7

81.3

68.7

88

AI AI

0

98.7

98.0 98.0

97.3

97.3

97.3

93.3 93.3

93.3

88.7

81.3 81.3

68.7

88

AI AI

0

68.7

93.3

81.3 88.7

98.7

0.86

97.3

97.3

6.16

188

0

3

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

SMOS

93832

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH OF THE PROPERTY OF THE P

CEITING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	5	٥ ٨١	\$ 1	*	e vi	N 2 1/2	1 A	V 1%	VI 41	- AI	AI N	*	Z AI	2 5/16	N AI	0 11
NO CEILING			:	53.3	56.7	7.	62.7		2	0			.0			66.7
> 20000		0	:	65.3		70.0		76.0		79.3	79.3	79.3		6		80.0
18000		0		65.3	6		•		.0	6	6	6	6		6	80.0
14000		_	55.3	68.3	69.3	70.0	76.0		76.0		79.3	29.3	79.3	79.3	79.3	80.0
N 14000			;	0.99	0			76.7		0	0	0	0	0	0	80.7
12000		-	26.0	0.99	0	70.7		76.7		0		80.0	80.0			80.7
		44.0		67.3	-		8	78.0		2.	2.	82.0		2	2.	
000		0	57.3	67.3	•	72.0	78.0	78.0	78.0	82.0	82.0	82.0		82.7		83,3
		-	61.3	72.0	76.0	16.7		82.7			86.7	86.7	87.3	87.3	87.3	
2000			62.7	73.3	-			84.0	;		88.0			88.7		89.3
1		1	62.7	73.3	77.3		*	84.0	*			88.0		88.7	8	
2000			62.7	73.3	77.3	78.0	84.7	84.7		88.7		88.7	89.3	89.3	89.3	90.0
1			62.7	73.3		78.0			84.7			88.7	89.3		6	
141			62.7	73.3	77.3		84.7	84.7	84.7	88.7	88.7				89.3	90.0
1		48.7	63.3	74.0	8		5	85.3	85.3			89.3	0	0	0	
3000			0.49	74.7	79.3		86.7			0	0		91.3	-	91.3	
1		50.7	0.99	76.7	81.3	82.0		88.7		92.7				3	3	0.46
7 2000			66.0	76.7	-	3	88.7	88.7		2	92.7	2		3	63.3	0.46
1800		20.7	0.99	76.7	•	82.0	88.7	88.7	88.7	92.7	92.7	92.7	3	93.3	•	0.46
1			:	77.3	82.0	3	89.3		89.3	3.	3		_			94.7
		. 1		0.87	82.7	•	0	0	0		*	0.46	_	*	;	95.3
N 1000			67.3	78.0		3	0.06	0.06	90.0	*	;	0.46		;	;	95.3
		. 7	1.	78.0		3.	0	0	0	4	;	0.46	4.7	*	4.1	95.3
00 Al			-	78.0	82.7	83.3	0	40.1	1006	94.7		94.7	95.3	95.3	95.3	
				78.0	82.7		0		0	4.7		24.7			2	
009			67.3	78.0	82.7	83.3	2.06	40.7	1006	1.46	1.46	04.1	95.3	95.3	95.3	96.0
		1.	67.3	78.0		83.3		40.1	0	24.7		24.7		95.3		0.96
N 400				78.0	82.7	83.3		40.1	•	4.7	1.46	4.7	95.3	95.3	95.3	96.0
		-	0.89	78.7	83.3	84.0		91.3	-	0.96		0.96	1.96	1.96	496.7	97.3
× 300		1.3	:	78.7	83.3	84.0	95.0	95.0		1.96		196.1	97.3		-	98.0
8			68.0	78.7	83.3	100	2.	0.26	_		1.96	1.96		97.3		99.3
٨		1.3	68.0	78.7	83.3	84.0	92.0	95.0	95.0	1.96	1.96	1.96	97.3	97.3	98.7	00.0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

07 HOURS (1 S T.)

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UENCY OF OCCI	ERCENTAGE FREQUENCY OF OCCURRENC (FROM HOURLY OBSERVATIONS)
	TAGE FREQUENCE

(FEET)	24.7	38.0	1 44		22%	VI 18	×1 ×	21%	- A 28.5	> % >	2 % 58.7	× × ×	≥ 5/16	29.3	20 4
	28.7		6.0	57.3	57.3	0	2	~				63.3		64.7	64.7
	28.7	45.0	49.3	57.3	57.3	0.00	05.0	92.0	63.3	63.3	63.3	63.3	64.0	64.7	64.7
	30.0	43.3	200.	80			63.3	63.3	64.7		040	64.7		0000	0.99
	35.3		57.3	0000			2010	7	73.7		72.1		13.3	74.7	76.37
	35.3	50.7	58.0				72.0	72.0	73.3	73.3	73.3	73.3	74.0	75.3	75.3
			64.7		13.3	7.	6	6	1000100			80.7		100	
	0	28.0	66.7		•	6	-	-		82.7		82.7		84.7	84.7
		1000	67.3	76.0	16.0		85.0	95.0	630	83.3	63.0	E 0	0.40	200	65.3
	4	58.7	67.3	0 0	0 0	80.0		30		0 6 8			0 4 6	85.0	85.3
		58.7	67.3	76.0	76.0	0	2	2		m	83.3	83.3	4	85.3	85.3
		58.7		10.0	16.0	0						3	*	85.3	85.3
	45.0	0.09	68.7		•	82.0	0.48	84.0	85.3	85.3	85.3	85.3	86.0	87.3	87.3
	45.0	0.09		78.7	78.7	82.7		4.							
	42.7	-	69.3	19.3	79.3	83.3	85.3		86.7	86.7	86.7	86.7	87.3	88.7	88.7
	45.7	60.7	69.3		19.3	•		5.			86.7	86.7		88.7	88.7
	42.7	-	69.3	19.3	19.3	83.3	85.3	85.3	86.7	86.7	86.7	87.3	88.0	89.3	89.3
	42.7	2009	. 6	5	. 6	3.	2	3	86.7					6	89.3
	45.7	-			000		0		87.3	87.3	87.3	500	88.7		
	42.1	61.3	0.0	80.0	0.09	84.0	86.0		Nov.				88.7	0	
	44.0	62.7	71.3	81.3	61.3		87.3	87.3	88.7		88.7	89.3	90.0	91.3	91.3
	0.44	62.7	71.3	61.3	61.3	85.3	87.3	87.3	88.7			89.5	0.06	91.3	91.3
	44.0	62.7	71.3	81.3	81.3	85.3	87.3	87.3	89.3		89.3	90.0	4006	92.0	92.0
	0.44		72.7	82.7		88.0	0		-	92.7	92.7			96.7	
	44.0	63.3	72.7	82.7			0.06	0.06	92.7	92.7	92.7	0.46	94.7	97.3	97.3
	44.0		72.7	82.7		88.0	0.06		92.7	_	92.7	0.46	94.7		
		63.3	72.7	82.7	70.70		•	•		92.7	92.7	04.7	95.3	0.86	98.0
		63.3	72.7			8	0.06	0	92.7			4.7		66.3	0000
	44.0	63.3	72.7	82.7	83	000	4	0	000	1	1		-		

0

TOTAL NUMBER OF OBSERVATIONS

150

1

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (L S T.) NO THOM

988

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
	٧١	۸I	\$	<b>4</b>	AI	1 2%	7 Al	۲۱ ۶۲	¥1 %1	<u></u>	% Al	*	Z Al	≥ 5/16	N N	٨١
NO CEILING		41.3	42.	42.7	42.7		42.7	42.7	42.7	42.7	42.		42.7	42	42.7	42.7
I 20000		54.0	56.	26.0		0	56.0	20.0	0	-	56.	•	0	5	20.0	26.0
N 18000		24.0	26.0	26.0	26.0	26.0	96.0	20.0	26.0	26.0	26.0	20.0	20.0	26.0	20.0	56.0
N 16000		54.0	56.			0		•	•				0	56.	•	26.0
> 14000		54.7	56.	56.7	9	56.7	.7	56.7	.9		56.7	56.7	56.7	56.	56.7	56.7
12000		56.0	58		58.0		8.0	58.5	58.0	58.0				3	58.0	
		60.7	62.		2	62.7	1.	1	62.	62.7	3			62.	2.	
000		60.7	62.	62.7	62.7	62.7	-	62.7		62.7	62.7	62.7	62.7	62.7	62.7	62.7
		66.0	68.	68.0		0.89	0	0.89		•		0.89	68.0	0	8	68.0
7000		67.3	69	69.3	69.3			69.3	69.3				69.3	•	69.3	
1		67.3	69	69.3				6	6	6	6	6		.69		69.3
2000		67.3	69	69.3							6		69.3	69	69.3	69.3
1		67.3	69		69.3				6		69.3	6	69.3	69.3	6	69.3
000		68.0	70.	70.0		70.0		0		ċ	0	70.0	70.0	70.	70.0	70.0
		68.0	40.		0	0		0	0	0	0	0		70.	0	70.07
3000		72.7	74.	74.7					74.7	74.7	;	;		74.	*	74.7
		81.3	94.			4			*		+	4				84.7
7000		86.0	0	0.06	0.06	0.06	0.06	40.1	40.4	40.4	40.4	2006	90.7		40.4	90.7
1		86.7	90.	40.4	1.06	0		-		-	:	-			-	91.3
1500		90.0	94.		1.56			3		5	s.	95.3	95.3		2	
1		90.0	. 76	1.46	4.7	94.7	4.7	3	95.3	95.3	95.3		95.3	95.3	95.3	95.3
1000		90.7	94.	95.3	1.96		•	97.3			-		97.3	1.	-	
		40.7	0	95.3	1.96	96.7	.9		•		•	97.3	97.3			97.3
8 Al		91.3	98.	0.96	97.3	97.3	-			*	8		98.0	98.	8	
		91.3	68	0.96	97.3	-		0.86	8	•	98.0	98.0	98.0	98.	98.0	98.0
8		91.3	95.3	1.96	0.86		0.86	7.86	98.7	98.7	8			98.		
		92.0	96.	97.3	48.7	98.1		66.3	6			0.001	0	100	0.001	0001
141		92.0	96	97.3				6	99.3			0	100.0	0		
		92.0	96	64.3	7.86	98.1	28.7	66.3			100.0			100	0.001	100.0
70		92.0	96	97.3	98.7				99.3	0		0.001	100.0	100	•	100.0
8		92.0		97.3	1.86	1.86	98.7	66.3	66.3	•	0	0		ċ		0.001
0 Al		95.0	96	97.3	98.7	98.7	98.7	66.3	99.3	00001	100.0	0000	0.001	100.0	0000	00.00

TOTAL NUMBER OF OBSERVATIONS

150

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SMOS DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIOA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOUTH BONTH

200

3		1		1	716 4	^	71. 4	7		74	, ,	4	¥1/3 4	7	4
	26.7		28.7	78.7			190		28.7	-		-		-	
	38.0	39.3	40.0	40.0					0	0	0		40.0		
	38.0		40.0				0.04	0.04	40.0	40.0	40.0	40.0	40.0	40.0	40.0
	38.0	39.3	0.04	0.04	40.0	0.04			40.0	0	40.0	40.0	40.0	40.0	40.0
	39.7		40.7	40.7	40.1	40.7	40.1		40.1	40.4	40.1	40.1	40.7	40.1	40.1
	40.0	41.3	45.0	45.0	42.0	42.0	45.0	42.0	45.0	45.0	45.0	45.0	45.0	45.0	42.0
1	42.7	0.44	44.1	44.	44.	44.7	44.1	44.7	44.1	44.	44.7	44.7	44.7	44.7	44.
	42.7		44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
1	47.3		6.64	49.3	6.64	E . 64	49.3	49.3	49.3	6.65	6.65	49.3	6.64	6665	49.3
	47.3	48.7	49.3	6	49.3		49.3			49.3	49.3		49.3		49.3
1	47.3	48.7	6.64	6		6	49.3	6.64	49.3	6.64	6.64	49.3	6.64	6.64	49.3
	47.3	48.7	49.3	49.3	49.3	49.3	49.3	49.3		69.3	49.3		49.3		49.3
	47.3	48.7	6.64	6.64	6.64		49.3	49.3	49.3	6	6.65	6	6.64		6.65
	.8.0	49.3	50.0	0	50.0		50.0	50.0	0.05	50.0	50.0	50.0	50.0	50.0	50.0
1	48.0		50.0	0		ò			50.0		20.0	50.0			50.0
		73.3	74.0	74.0		74.7	74.7	74.7		74.7		74.7	74.7	74.7	74.7
1	1.98		0.06	0.06	90.0	40.7	0	40.4	40.7	1.06	0	40.1	4006	40.7	1006
		0.46	4.7	1.46		95.3	95.3		95.3	65.3		95.3		65.3	95.3
1	0.06	. 46	6.56	6.56	95.3	9	0.96	96.0				96.0			
	90.7	0.06	7.96		7.96	-	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
1	4.06	1.06	6.16	61.3	97.3		0.86	8	98.0	0.86		98.0	98.0		98.0
1	1.06	1.	97.3	97.3	97.3		0.86		98.0	98.0	98.0	98.0	98.0	0.86	
1	40.06	7.96	67.3	6.16	97.3	0.86	0.86		0.86	0.86				0.86	98.0
	90.7	1.96	81.3	6.76	97.3	8	0.86		98.0	7.86	98.7	98.7	98.7	48.7	98.7
1	40.7	1.96	61.3	97.3	8.4.3		0.86		0.86	98.7			98.7		98.7
	40.1	1.96	97.3	6.16	97.3		0.86	0.86	0.86	98.7	98.7		98.7	98.7	98.7
1	40.06	1.96	8.48	97.3	67.9		0.86	98.0	0.86	66.3	99.3	66.3	6.66	66.66	66.3
	2.06	1.96	61.3	6.76	97.3		0.86		98.0	86.66	66.3	99.3	66.66	99.3	99.3
1	4006	1.96	97.3	97.3	87.3		0.86	0.86	98.0	6.66	6.66		89.3		99.3
	1.06	1006	97.3	97.3	97.3		98.0		98.0		66.3	99.3	99.3		99.3
1	4.06	1.96	61.3	61.3	87.3	0.86	0.86	0.86	98.0					6	99.3
	90.7	66.7	97.3	97.3	97.3		0.86		98.0	99.3	99.3	66	00	00	00.0

0

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0

TOTAL NUMBER OF OBSERVATIONS

150

3

3

10

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (1 S T ) NO THOM

2

	•	0	m	m	6	0	-	3	0	100		3	-	-	.3	-	63		0	0		0	~	m	m	2	m	m	0	0	0	0	0
	٨١	54	4	-	4	48	48	51	25		9	10	62	62	100			95	9	0		86	86	66	66	66	66	66	8		0	8	00
	2	0		.3	.3	0		63	0	m					.3		9		0	0			.7		.3	.3	.3	.3	0	0	0	0	0
	Al	24		4	47	48	4 88	51	52		9	19		62	67		83	35	96	96	96	86	98	66	66		66	66	00	001		00	8
	5/16	0.	•			0			0.	.3	. 1	•				•			0.	0		0.	. 7		.3	.3	.3		0				
	VI Vi	54	47	47	47	43	4	51	25		60	61	62	62	67		63	92		96		98	98		66	66	60	66	100	001	100	001	100
	×	0	.3	3	.3	0.		3	0.			3			.3		.3		0	0.					.3			. 3	0			•	
	Al	54	4	•	4	48	4	2	5	~		0	_	62		10	00	_	Ç.	-	o.	36		66		66	66	-	-	=	2	01	001
	*	4.0	6.1	1.3		8.0		1.3	2.0	6.3		1.3	2.7	2.7	7.3		3.3	2.7	9.0	0.9	2.5	8.0	•	6.3			9.3		0.0		0.0		0.0
	AI .	2	-		4	4	4	2	in		9		0	0	0	10	00		0	0	0	0	0	o -		66		-	2	01	10	07	2
	× Al	0.4	•	-	7.3	8.0	8.7	1.3	2.0	6	0	1.3		2.1	7.3	0	E	2.1	0.9	0.9			8.7	6	9.3		9.3		0.0		•	•	0
		0 2	-	4	3	4	4	3	0	3	2	9	9	9 /	0	-	8		0	60	0	0	4	0	3		6	3	010	01	010	-	0010
	AI	*	-	-	-	•	20	-	2.	.6	.0	-	2.	2.		0	-	2.	.0				8		6	6	6	6	ò	ċ	0	.0	ċ
AILES)		0	3 4	4	4	4	7	3	0	7	0	7 6	9	-	7	-	7	0	3	3	60	9	6 0	7	4	7	6	4	310	310	310	-	310
UTE	YI 72	*	47.		.7	00		.10	52.	8	0		62.	2	.99		2		3	95.	.0		0	8		.86	98	8	.66	66	66	66	. 6
(STA1	•	0	-	573	100	0	-	10	0	-	0	4	0	-	-	0		0	20)	203	0	3	0	_	-	-	~	-	r n		10		•
VISIBILITY (STATUTE MILES)	۲۱ ۲۰	24.	4	4	47	48	48	51.	52.	58.	60.	60	62.	62.	66.		82.	92.	95.		96	97.	98.	98	98.	. 86	98	98.	66	66	66		66
VISI	~	0		•	10	0	-	100	0		0		0	0		0	. 7	0	19	10	0.	•	0			. 7		-	.3	3		en 1	.3
	Al	24	47	47	47	48	48	15	52	58	00	9	N		66		82	26	1			16	00	60	30	86		98	66	66		66	
	21/2	0		•	3	0	-		0	1.	0	-	c.			0		0					c.									-!	•
	AI	24	*	47	47	4.0	48	51	52	58	90		62	62	66		82	35	95	68	96		200		98		98	98	8		98		7 00
		.0	•	7.3	.3	8.0	8.7	3	2.0	6.7	0.0	1:	0.	0.		0.0		0.	3		0.0	6.1	0.1	1.1	8.7	1.1	1.1	2.7	8.7	8.7	1.7	8.7	
	Λì	24	3	4	4	3	*	2	50	36	9	9	62	62	ş		82	65	6		96	16	98	-	0	96		86	6		0	6	98
	4	0.4	.3	.3	7.3	0.8	7.	1.3	2.0	8.7	0.0	0.1	2.0		5.7	0.0	2.0	1.3		•	5.3	6.7	.3	8.0	8.0	8.0	0.8	0.8	8.0	8.0	8.0		3.0
	^'	_	4	4	4	*	4	5	2	2	0	9	•	-	_	-	3	0	0	6	0	0	0		0				6				5
	۰۰ ۸۱	23.3			6.0	-	3.	0	-	9	8.0		0.0		4.7		9.3	8.	2.0	2.0	2.0	3.3	4.0	4.	4.1	4.1	4.1		4.		4.		:
		3 2	-	4		3	4	-	10	-	<u>e</u>	-		3		-		0		6	0	_			0	3 9		-	9		3 6		3
	۸I	-	2.	12	2	43.		6	1.		3.		3.	35.		1:	2.	0	2.	.2	12.	3.			-	3.		3		3	3.	•	3
		-	4	-	3	4	4	7	4	26	-	-	41	ar s		3	-	3	œ	-	-	50	342	~	<u>س</u>	-	30	-				-	-
	71																																
0		S	8	2	2	9	2	9	2		2	9	9	9	9	0	9	9	9	9	2	9	9	9	2	9	2	9	8	9	8	8	
CEILING	(FEET,	NO CEILING	7 20000		16000		12000		8	1	700		2000		4000		3000		2000		1500		1000		8		8				200		
0		2	^'	٨١	AI	٨١	M	1	M	^	IAI	^	M	٨١	IAI	٨١	M	٨١	AI	٨١	AI	^	IAI	^	M	^	IAI	^	IAI	^	M	۸I	^'

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TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

JUN HONTH

	Ans	*	
73-77	3.A	PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)
CECIL FIELD, FLORIDA	STATION NAME	PERCENTAGE F	(FROM H
FIELDA			
CEC 11			

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	71	٥ ٨١	8	1	e Al	2 2 1/2	1 2 2	V1 %1	VI 2/1	-	% Al	*	Z AI	≥ 5/16	N N	0 11
NO CEILING		21.3	24.7	26.7	26.7	26.1	26.7	26.7	26.7	26.7		26.7	26.7	26.7	26.7	26.7
≥ 20000			49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3		51.3
V 18000		44.7		51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
7 16000		44.7	49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3		51.3
> 14000		46.7		53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
> 12000		51.3		58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	28.0	58.0	58.0	58.0	58.0
		56.0	60.7	62.7	62.7	62.1	62.7	62.7	62.7	62.7		62.7	62.7	62.7	62.7	62.7
0006		57.3	62.0	0.49	0.49	0.49	0.40	0.49	0.49	0.49	64.0	04.0	0.49	0.49	0.49	04.0
		0.49	71.3	73.3	73.3	13.3	•	73.3		73.3	73.3	73.3	73.3	73.3	73.3	73.3
1 7000		0.40		73.3		73.3	73.3	73.3	73.3	73.3	73.3		73.3	73.3	73.3	73.3
1		64.7	72	14.0	74.0	14.0	74.0	0.47	74.0	74.0		14.0	0.4	14.0		0.4
2000		66.7	7	76.0	76.0	76.0		76.0	76.0	76.0	76.0		76.0	76.0	76.0	76.0
		66.7	74	0.97	76.0	0.9/		76.0	16.0	76.0	16.0	9	16.0	76.0	76.0	76.0
0004		66.7		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
1		0.89	13	77.3	77.3	6.71	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
3000		71.3		81.3	81.3	81.3		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	85.0
		75.3	84.	86.7	0	66.7	-		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
7 2000		77.3		0.06	0.06	0.06	2.06	40.7	40.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1		77.3	86.7		0		2005	1.06	40.7	91.3	6116	91.3	91.3	91.3	91.3	91.3
1500		79.3	89.3	93.3	93.3	93.3	0.76	0.46	0.46	94.7	94.7	24.7	24.7	24.7	94.7	1.46
		80.0	40.1		65.3	95.3	0.96	0.96	0.96	1.96		196.1	1.96			1096
000L		80.7	61.3	98.3	0.96	16.7	97.3	0.86	0.86	98.7	98.7	98.7	98.7	98.7	98.7	98.7
		80.7	61.3	65.3	0.96	1.96	97.3	0.86	0.86	98.7			48.7	98.7	49.7	98.7
8		80.7	91.3	95.3	1.96	97.3	0.86	98.7	98.7	66.3	86.3	86.3	66.3	86.3	99.3	99.3
		80.7		95.3	1.96	97.3	98.0	48.7	48.7	66.3	99.3	66.3	66.3	63.3	6	66.3
9		80.7	91.3	95.3	1.96	97.3	0.86	98.7	1.86	66.3	66.3	66.3	66.3	86.66	99.3	99.3
		80.7	91.3		1.96	97.3		48.7		0.001	0.001		100.00	•		0000
7 40		80.7		95.3	1.96	97.3		98.7	98.71	0.001		•	100.001	00001	100001	0000
		80.7	•			64.3	0.86	1.86		0.001	0	•	100.00		10000	0.00
200		80.7	91.3	95.3	46.7	6.16		98.7	98.7	100.00	100.0	100.0	100.00	100.0	100.001	0000
VI 85		80.7	91.3	95.3	1.96				7.86	10000	0.001		10000	0.00	100001	0000
		80.7	91.3	95.3	1.96	97.3	98.0	98.7	98.71	0.001	100.0	100.0	100.00	100.0	100.00	0000

0

0

0

0

0

0

1

TOTAL NUMBER OF OBSERVATIONS

150

\$

3 8

93832

86.0

86.7

0.46

91.3

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

FIELD, FLURIDA

NONTK

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1

99.3 99.3 86.7 86.7 85.3 91.3 0.46 73.3 85.3 0.06 65.3 0.86 86.0 86.0 95.3 7.86 86.7 94.7 84.7 ٨١ 86.3 86.0 0.46 98.0 0.06 73.3 86.0 95.3 63.3 65.3 13.3 85.3 85.3 86.7 95.3 98.7 86.7 94.7 64.7 91.3 2 5/16 61.3 0.46 63.3 86.0 0.06 0.86 66.3 63.3 63.3 85.3 1.46 63.3 73.3 73.3 85.3 86.0 86.0 95.3 95.3 7.86 86.7 86.7 86.7 84.7 ٨I 0.06 0.86 63.3 63.3 85.3 4.86 63.3 0.46 1.76 95.3 91.3 73.3 86.0 95.3 63.3 65.3 73.3 85.3 86.7 99.3 84.7 \* 85.3 0.06 6.56 8.66 73.3 86.0 0.86 65.3 73.3 85.3 0.46 65.3 86.7 86.7 91.3 7.86 7.86 84. PERCENTAGE FREQUENCY OF OCCURRENCE 85.3 6116 63.3 86.7 0.46 4.7 65.3 86.0 86.0 99.3 63.3 95.3 98.0 98.0 86.7 0.06 73.3 73.3 85.3 98.3 \_ A1 VISIBILITY (STATUTE MILES) (FROM HOURLY OBSERVATIONS) 85.3 95.3 86.7 86.7 91.3 91.3 48.7 98.7 86.0 86.0 0.46 0.46 94.7 94.7 99.3 99.3 85.3 85.3 85.3 0.06 0.06 95.3 95.3 VI 7. 98.0 63.3 85.3 65.3 86.0 86.7 7 7 86.0 0.06 95.3 0.86 73.3 0.46 616 95.3 63.3 86.0 85.3 86.7 99.3 73.3 7.46 98.0 86.0 94.0 62.7 89.3 93.3 62.7 84.7 85.3 86.0 97.3 1.06 84.7 94. 1 2% 84.0 93.3 62.0 72.0 94.7 96.0 62.0 0.49 72.0 84.0 85.3 85.3 88.0 89.3 62.0 95.0 62.3 83.3 84.7 92.7 93.3 84.1 95.3 86.0 88.7 83.3 84.0 87.3 0.76 83.3 84.0 91.3 95.0 61.3 61.3 71.3 92.7 92.7 71.3 61.3 61.3 82.7 63.3 ٧I 92.0 82.0 82.0 82.0 0.06 85.3 91.3 37.3 60.7 70.7 82.0 88.7 86.3 0.06 92.7 81.3 82.7 60.7 70.7 VI VI 78.0 71.3 73.3 16.0 77.3 53.3 53.3 62.0 71.3 71.3 71.3 0.41 74.7 75.3 16.0 76.7 71.3 4 2 NO CEILING (FEET) VI VI 0006 0006 12000 00 % 00 % 2000 900 4 50 6 00 6 00 6 00 3000 2000 1800 1200 88 AI AI

0

0

0

TOTAL NUMBER OF OBSERVATIONS

150

66.66

88.3

66.3

86.3

66.3

8.66

98.0

96.7

95.3 95.3

92.7

78.0

78.0

88

AI AI

97.3

0.96

78.0

88

AI AI

78.0 78.0

80

78.0

66.3

8.66

100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0

SWOS DIRNAVOCEANMET

93832

0

1

88

AI AI

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

ALL HOURS (LS.T.) STE

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING																
(FEET)	0 41	9 Al	\$ 1	4	e Al	2 2%	~ Ał	¥1 Y	¥1 YI	- AI	% Al	* Al	Z AI	> 5/16	X Al	٨١
NO CEILING		30.4	36.2		9.04	0	2.	2		3	43.3		43.3	43.3		
> 20000		44.5		8.45		9				59.4	6		59.5	59.	59.7	
18000		44.5		4		.0	8	8		6	6	6	6	59.	6	0
0009		44.5				56.8	58.5	58.8	58.8	59.4		59.5		59.6		39.8
14000		45.3				-	6	0	6		60.3	00	0	.00		
17000		45.8			29.1				•			0	-	62.	62.1	62.2
1		50.4		1			5	5	5	9		0		.99		.99
88		50.7	58.3	61.6		63.8	63.3	65.8	65.8	666.5		99	;	99		67.0
		56.1				0		2				3		73.		74.2
141		56.8		69.5	71.5	:		m	73.8	;	;	74.7		74.	è	75.1
1		57.1		6		-	73.8						0	75.		75.
98		57.6		70.3	72.3	72.5			74.7	75.5	5	3	5	75.	3	76.0
1		57.6		0		2	4			3	5	2	3	78.	3	76.0
98		58.5		71.3	73.3	73.4	75.3		75.6	76.4		76.5	.0	76.7	76.8	76.9
3500		58.8		-			0	0		-		-	-	11.		1
3000		8.40		78.3	90.08	8.08	2.	83.2	83.2	4	84.1	80		84.	84.4	84.
2500		4.69			86.2		8	8		6		89		89.		90.2
300		71.4		.0				-	-	2		0	2.	92.		93.2
		71.6		9			1:	2	2	2		63		93.	93.	93.6
2005		72.5		88.3	8.06			93.4	93.4	94.3	4.46	0		0	94.	94.
1		72.7		8	-				*	3		95		93	42.4	95.
8		72.9		4.68			*			96.2	•	96		0		96.8
		73.0	:			95.8	95.0	5	3	.0	4.96	96.4		96		96.5
8		73.4	65.3	0.06	93.0			0.96	96.0	6.96	97.1	97	97.3	_	97.5	97.6
1		73.4	:	0.06					0	9	:	8		6		
8		73.4	:	90.1	3	93.4				97.1	97.3			97.5	-	97.6
		73.5	:	4.06	3.			0			98.1	8		0	8	
141		73.5	85.5	90.4	43.4		6.3		96.7		98.3	98.3		98.		99.
300		73.6	:		93.6	647		0		98.3	98.5	98.5		98.	0	
200		73.6	85.6									98.	98.9	66	66	99.
8		73.6	92.6	9.06	93.6	63.9	6.96	6.96	6.96	6.86	98.6	.86	6.86	66	966	99.
														•	•	

TOTAL NUMBER OF OBSERVATIONS

1200

3 =

0

DIRNAVOCEANMET SMOS

0

0

93832

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

G1 HOURS (LST.) JUL .

8

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES						
(FEET)	2	۰ ۸۱	\$ 1	AI AI	e Al	2 2%	2 4	¥1 ¥	VI 2.	-	× Al	*	Z Al	≥ 5/16	NI NI	0 1
NO CEILING				-	2.	2.	3.				3.	63.2		3	63.	63.2
> 20000		60.7	75.5	83.9	85.2	85.2	86.5	86.5	86.5	•		86.5		86.5	86	86.5
18000					5			86.5	86.5	•	86.5	86.5		86.5	86.	
00091		60.7		83.9	85.2	0.5	86.5	•	86.5	•		;		•	86.	86.5
> 14000				83.9	3			86.5	0	86.5	9	.0	86.5		86.	86.5
1200		61.3		85.2	86.5	86.5	87.7	87.7	87.7	87.7	-	-			87.	87.7
			78.7	88.4				0.16		91.0		91.0	0.16	91.0	91.	
000		63.9		6	6.06	80.3	91.6	9116	91.6	-	:			-		91.6
1		67.1		2.76	95.5	5			•	8.96		9	8.96		0	8.96
141		67.1	84.5	34.2	5	95.5						0	;	•	96	96.8
		67.1		94.2	95.5		8.96	8.96	8.96	96.8	96.8		8.96	96.8	8.96	96.8
2000		67.1		94.8		96.1		4.16	4.16	97.4	-	97.4		97.4		4.76
1		67.1		3	1.90	96.1	-		4.70	97.4		:	4.16	97.4	97.4	4.16
9		67.1		94.8	•	96.1	4.16	97.4	97.4	97.4	4.16	97.4	97.4	97.4	97.4	97.4
1		67.1			1.96		-	4.76	97.4	4.16	4.16	4.16	4.16	97.4		4.16
3000		67.1		94.8			-	4.16		97.4	4.16	4.16	97.4	97.4	_	97.4
1		67.1			8.96	96.8		8	•			1.86	1.86	98.1	98.1	98.1
7 2000		67.7		96.1	4.16		1.86	98.7	98.7	98.7		98.7	98.7	98.7	7.86	98.7
1		67.7		1.96				1.86	48.7	98.7	28.1		98.7		48.1	98.7
> 1500		67.7		1.96	4.16	4.16		98.7	48.7	-		48.7			98.7	
1200		67.7	85.2	1.96	4.16	4.16	68.7	48.7	7.86	98.7	7.86		48.7	98.7	98.7	98.7
000		67.7		96.1	4.16	•		98.7	8	_						
8 41		67.7		96.1	4.16	97.4		1.86			1.86					
		67.7		96.1	4.16	4.16		98.7		_		98.7	18.1			98.7
			•	96.1	4.16	4.46	1.86	48.7	1.86	1200	68.7					
99		67.7	•	96.1	97.4	97.4		98.7	98.7	98.7		98.7	98.7			98.7
		67.7		1.96	4.16	1.	18.1		98.7	98.7	•				98.7	
N 400		67.7		1.96	4.16	97.4						8			98.	98.7
38		67.7	85.2	. 9		1.86	0000	0	0.001	0		0		0000	2	
		67.7		•		98.1		•	•	0	0	_	0	0	000	
80		67.7	83.2	96.8	98.1	98	0000	000	•	000	000	000	000	000	000	000
ı			•	•			3	3	3	•	3		5	•		000

0

0

TOTAL NUMBER OF OBSERVATIONS

153

3

0

0

0

0

5703 CEILING VERSUS VISIBILITY JAN 78

### NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) CECIL FIELD, FLURIDA

0.4 90 100

198

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	l (S)						
(FEET)	2	o Al	8 41	41	e Al	> 2%	2 2	¥1 ¥	71 72	-	% Al	*	Z AI	≥ 5/16	N N	N AI
NO CEILING		35.5	-	8.95	64.5		1.69	0	70.3	71.0	11.6	-	11.6			N.
IN 20000				4	•	4	-	2.	2	•		3.		3	;	
18000		000	58.7	2.4.0	74.8	74.0	2 0	82.6	82.6	83.2	83.9	83.9	83.0	8 3	2 4 5	84.9
7 1,000				4		4	-	2	2	3	-	3		3	*	3
12000		41.3		65.8				5	85.2					6	7.	87.1
			0				•	-	•	-	7			2.		
0006		43.9			-	-	ò	-	-	-	3			5		92.9
0008 AI		45.2	60.5	~	83.2	83.2	9.16		92.3		93.6	93.6	•	93.6	34.5	94.5
- 1			•	2	3	3.	-	2	5	2	3			3.		34.5
0009 AI		45.2		2			-	2	2	2			•			94.2
1		:	•	5			-	2	2	2			•	3	•	2.06
1 4800						m .	÷.			2	•			n .	•	2.46
		:		. 7	3	3	-	3	7	5 .	:		•.	9		7.06
> 3500		45.2	ė.	2	•		-	2	2	2	ė.		•	m.	•	94.2
-		43.5	•	2.	3.	3.	-	2	2	3.	•		•	;		200
Y 2500		45.5		3	ë	2	÷	2	2		;			;		94.8
> 2000		45.8				*	5.	4	;	;	2		•	3		96.1
1800		45.8		*	•	4	2.	5	\$	4.	2		•	5	•	96.1
		45.8	•	*	2	5	3		;	2			•	•		96.8
N 1200		45.8			•	uc 1	3	;	3			1.96	•			800
1		45.0	•			6			:	0		1.04		0	•	
88		4	67.7	. 4			9 6				:	1 96				07.
		45.8	67.7	*		2				1 50	0	96.1		9		97.6
38		45.8	67.7	74.8	5			;	3						97.4	97.4
			67.7			3		*	;	5.			8.06			97.4
8		45.8	67.7	14.8	3			8.46	8.46	3	1.96	1.96			97.4	
		3	67.1		•	3	*		5	9	•	8.96	4.16		8	98.1
7 200		45.8	21.1	74.8		5	•	3	•						8	98.7
91 81		45.8	2.19	* *	85.8	85.8	34.5			1.96	.9	8.96	4.76	4.76		98.1
		45.8	1.19	74.8	85.6	85.0	•	99.5	95.5	1096	90.96	8096	4.16	7.04	98.7	00.00

0

0

TOTAL NUMBER OF OBSERVATIONS

155

0

1081 0

> SMOS DIRNAVOCEANMET

90.3

90.3 90.3 90.3 90.3

87.1

91.0 91.0 91.0 91.6 94.8 94.8

95.5

96. 96.8 96.8

8.96

94.2 94.2 94.8

97.4 1.86

8.46 95.5 1.96

94.2

2.46 94.8 8.46

2.46 8.96 8.96 95.5 95.5

92.9 92.3 92.3 65.6 93.6

91.6 6.26

82.6

80.7

52.9 67.1 52.9 67.1 52.9 67.1

32.9

88

AI AI

92.3 92.3

83.2

81.3

67.7

52.9

32.9 32.9 32.9

88

0

81.3

52.9 52.9

83.2

81.3

93.6 93.6 93.6 93.6 93.6 93.6

93.6 93.6 94.2

96.8

2.46

93.0 93.6 94.2

93.6

93.6 93.6

0.16

82.6

80.7 80.7

32.9 67.1

32.9

88

AI AI

80.7

52.9 67.1

0.16

82.6

0.16

93.6

92.3 92.3

91.0

85.8

72.9

72.9

NO CEILING

0

2000

VI VI 0008 0008

12000

900

9 00 0 00 0 00

()-

4500

AI AI

3000

ALA

2000

AI AI

8 8

AI AI

900

AI

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

0

0

HOURS (1 S T ) JUL 07

2 2

				PERCE (	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	FREG	UENC LY OB	Y OF	OCCUR	RENC S)	ш				07 savon	04
							Vis	IBILITY (ST	VISIBILITY (STATUTE MILES)	l (S)						
	0 4	o Al	S AI	AI	8 1	≥ 2%	2 4	V1 V1	¥1 VI	- AI	× AI	*	N N	≥ 5/16	N Al	
9 0		21.3	30.3	37.4	47.7	61.3	55.5	55.5	55.5	56.8	36.8	71.0	71.6	57.4	58.7	SI
		25.2	38.7	47.7		61.3		69.7	69.7	71.0	•	71.0	71.6	71.6	72.9	2.
		25.2	38.7	51.6	60.09	61.3	73.6		7.69	LL		71.0	76.1	76.1	72.9	L
		29.0	-	30	71.0		81.3	83.9	82.6			83.9	84.5	1	85.8	00 00
		30.3		61.9	74.8		85.2	86.5	1	The same of the	87.7	87.7	88.4		90.3	0.0
		30.3	49.7	61.9		77.4	85.2	86.5	86.5	87.7	87.7	87.7	89.0	88.4	90.3	00
28		30.3		-			85.8	87.1	87.1	4.88	98.4	88.4	89.0	89.0	91.0	00
		30.3		63		78.1	85.8	87.1	87.1			89.0	8 8	89.0		00
		31.0	50.3	63.2	76.8	80.7	87.1	90.3	90.3	91.6	91.6	91.6	92.3	90.3	92.9	00
		32.3		65.8	78.7	80.7	A. C.	91.0		91.6		91.6	92.3	92.9	94.8	00
		32.9		66.5		82.6	Annual Contract			92.9		92.9			96.8	00
1			- 1		- 1		2	- 1			- 1					-1

TOTAL NUMBER OF OBSERVATIONS

97

96.

92.3

83.2

81.3

67

80

ALA

0

0

88

AI AI

155

97.4100.0100.0

96.1 96.1

1.96

96.1

8.46 8.96

5.56

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

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O sau

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0

0

0

0

0

73-7

748

10

3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

78.1 73.6 1.96 98.1 87.1 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.01 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.01 0.00100.0100.0100.0100.0100.0100.0100.0100.0100.0100.01 ٨١ 73.6 73.6 1.96 10.0010.001 78.1 58.1 73.6 73.6 74.2 87.1 1.86 58.1 1.96 98.1 7.86 ٨١ 73.6 78.1 73.6 73.6 13.6 74.2 87.1 4.66 73.6 98.1 186 58.1 96.1 58.1 58.1 74.2 1.96 98.1 69.7 1.69 2 5/16 73.6 74.2 73.6 73.6 73.6 74.2 78.1 87.1 100.0100.0100.0100.0100.0100.0100.01 58.1 58.1 1.96 1.96 98.1 98.1 60.7 69.7 69.7 98.7 ۸۱ 73.6 73.6 74.2 73.6 13.6 78.1 73.6 74.2 69.7 98.1 98.7 1.96 60.7 87.1 49.4 58.1 58.1 98.1 96.1 009 \* 73.6 4.66 58.1 73.6 13.6 73.6 74.2 74.2 1.96 69.7 73.6 78.1 87.1 1.96 98.1 7.86 60.7 98.1 69. AI 73.6 13.6 73.6 1.69 73.6 78.1 73.6 74.2 74.2 7.66 7.66 96.1 1.96 98.1 98.1 87.1 98.7 58.1 60.7 69.7 ٨I VISIBILITY (STATUTE MILES) 87.1 13.6 73.6 74.2 78.1 58.1 73.6 73.6 74.2 96.1 1.96 98.1 98.1 7.86 60.7 1.69 60.7 69.7 7 7 73.6 78.1 73.6 73.6 74.2 13.5 96.1 98.1 7.86 4.66 4.66 58.1 69.7 74.2 87.1 60.7 60.7 69.7 1.96 98.1 VI 72 73.6 12.9 74.2 96.1 98.1 13.6 73.6 73.6 85.8 87.1 98.1 7.86 73.6 56.8 58.1 45.2 76.8 78.1 1.96 8.76 58.1 69.7 69.7 7 97.4 56.8 59.4 96.8 4.89 12.3 12.3 8.76 96.8 72.3 12.3 98.7 7 2% 56.8 56.8 29.4 16.8 85.8 4.89 72.3 59.4 72.3 72.3 72.3 72.9 72.9 8.46 94.8 8.96 8.96 4.16 98.7 56.8 68.4 72.3 98.7 98.7 98.7 98.7 44.5 98.7 98.1 59.4 4.16 72.3 76.8 3.96 72.3 12.3 72.9 8.96 56.8 56.8 68.4 68.4 72.3 72.3 72.9 82.6 85.8 94.8 8.76 7.86 94.2 98.1 98.7 98.7 ٨I 0.69 0.69 73.6 33.6 65.2 0.69 916 91.6 0.69 65.6 93.6 8.46 56.1 0.69 6.26 8.46 94.8 8.46 53.6 94.8 8.46 53.6 56.1 69.7 69.7 65.2 VI VI 0.64 0.64 51.6 63.2 2.69 83.9 84.5 84.5 86.5 86.5 63.2 63.9 75.5 83.9 86.5 86.5 86.5 86.5 60.7 63.2 67.1 85.2 85.8 63.9 60.7 ۰ ۸۱ 2 AI NO CEILING VI VI 00081 00081 80 000 000 000 4500 3300 1500 88 (FEET) 7 20000 V V V 7000 2000 88 88 2000 88 88 ALAI AI AI AI AI ALAI AI AI ALAI ALAI

TOTAL NUMBER OF OBSERVATIONS

155

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0

0

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100

13 HOURS (1 S T )

	V 01 V	20.0 20	2		28.4 21	29.0 2	29.7 2	36.1 3		40.7 4	40.7	40.7 4	40.7		40.7	41.3 4	60.0	. 4 8	8		87.1 9		87.7 9	87.7 9	87.7 9	6 4.	7.7	87.7 9	6	87.7 3	87.7 9	87.7 9
	7 5 2	0.0 21.	.10	6.4 31.	8.4 31.	9.0 31.	9.7 32.	6.8 39.	7.4 40.	1.3 43.	1.3 43.	1.3 43.	1.3 43.	1.3 43.	1.3 43.	1.9 44.	2.6 65.	•	9.0 92.	9.0 92.	1.0 94.	1.6 95.	2.3 96.	2.3 96.	2.3 96.	2.3 96.	2.3 96.	2.3 96.	2.3 96.	2.3 96.	2.3 96.	2.3 96.
	123	21.	31.	31.	0 31.0	6 31.6	3 32.3	4 39.4	0.04 0	6 43.9	9 43.9	6 43.6	6 43.9	43.	9 43.9	5 44.5	2 65.2	8 85.8	3 92.3	3 92.3	8 94.8	5 95.5	1 96.1	1 96.1	1 96.1	1.96	1 96.1	1 96 1	1 96.1	1 96 1	1 96 1	1 96 1
	≥ 2%	1.	21.0	0.10	31.6	32.3	32.9	40.0	40.7	44.5	44.5	44.5	44.5	44.5	44.5	45.2	63.8		6.26	6.26	95.5	1.96	96.8	96.8	96.8	8.96	96.8	8.96	96.8	9	96.8	96.8
VISIA	7 4	-	0.	31.0	31.6	32.3	32.9	0.04		44.5		44.5	44.5		44.5	45.2	65.8	86.5	6.26		95.5	1.96		8.96	96.8	96.8	96.8	8.96	8.96	8.96	8.96	8.96
BILITY (STA	71 74		36.5	36.3	32.3	32.9	33.6	40.4	41.3	45.2	45.2	45.2	45.2	45.2	45.2	45.8	60.99	87.1	93.6	93.6	96.1	4.16	98.1	98.1	98.1	1.86	1.86	1.86	98.1	98.1	98.1	1.86
VISIBILITY (STATUTE MILES)	VI 2.	21.3	96.3	92.3	32.3	32.9	33.6	40.7	41.3	45.2	45.2	45.2	45.2	45.2	45.2	45.8	60.9	87.1	93.6	93.6		4.79	98.1	1.86	1.86	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[5]	-	21.3	32.3	32.3	32.3	32.9	33.6	40.7	41.3	45.2	45.2	45.2	45.2	45.2	45.2	45.8	60.9	87.1	93.6	93.6	-		98.1	1.86		48.7	98.7	98.7	98.7	98.7	98.7	1.86
	× AI	=	36.3		32.3	32.9	33.6	40.1	41.3	45.2			45.2		45.2		60.99	87.1	93.6	93.0	1.96	4.76	7.86	1.86	1.86	4.66	4.66	4.66	4.66		4.66	7.66
	*		55.3	25.3	32.3	32.9	33.6	40.7	41.3	45.2			45.2		45.2	45.8	66.5		93.6	93.6	96.1	41.4	1.86	48.7	7.86	4.66	99.41	7.66	17.66	40.66	14.66	17.66
	2 11		56.3	36.3	32.3	32.9	33.6	40.7	41.3	45.2	45.2	45.2	45.2		45.2	82.8	66.5	87.7	2.46		8.96		4.66	4.66	4.66	00.00	00.00	10.00	00.00	10.00	00.00	10.00
	≥ 5/16	San San Carlo	32.3	32.3	32.3	32.9	33.6	40.7	41.3	45.2	45.2	45.2	45.2	45.2	45.2	45.8	66.3	87.7	2.46		96.8	98.1	4.66	4.66	4.66	00.00	00.00	0000	00.00	0000	00.00	00.00
	N AI	21.3	92.3	•	32.3	32.9	33.6	40.7	41.3		45.2	45.2	45.2		45.2		66.5	87.7	2.46	2046	8.96	98.1	4.66	4.66	4.66	00.00	00.00	00.00	00.00	00.00	00.00	00.00
	AI	21,	32	35	32	32.	33	40	4	45	45	45	45	45	45	45	99	87.	94	96	96	98	66	66	66	00	8	00	00	00	00	00

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0 0

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0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (1 S T.) 

(FEET) 2 10 2 6 2 5 2 4 2 3 2 2 4 2 2 1% 2 1% 2 1  2 % 2 8 2 5 16	24. 25. 24. 23. 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.
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TOTAL NUMBER OF OBSERVATIONS

#### **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (1.5.T.)

9 41			5 1	Ž,	2	12%	VIS	MILITY (ST ≥ 1%	VISIBILITY (STATUTE MILES)	<u>s</u>	AI	* AI	2 Al	2 5/16	AI AI	, a
27.7 31.0 31.6 31.6 31.	31.0 31.6 31.6 31.	1.0 31.6 31.6 31.	1.6 31.6 31.	1.6 31.	-	_	•	1.	-		1	1.	-	1	:	
46.5 54.2 56.1 56.8 56.8	54.2 56.1 56.8 56.	.2 56.1 56.8 56.	6.1 56.8 56.	6.8 56.	0 0		20.00	50.0	56.8	56.8	50.0	56.8	56.8	56.8	56.8	200
5 54.2 56.1 56.8 56	5 54.2 56.1 56.8 56.	.2 56.1 56.8 56.	6.1 56.8 56.	6.8 56.						56.8						56
1 56.1 58.1 58.7	1 56-1 58-1 58-7 5	.1 58.1 58.7 5	.1 58.7 5	.7 5			58.7	58.7	58.7	58.7	58.7				58.7	58.
7 57.4 59.4 60.	7 57.4 59.4 60.0 60.	.4 59.4 60.0 60.	.4 60.0 60.	.00 0.	0	No. alexander	0.09		0.09	0.09	0.09			0.09	0.09	609
.7 67.7 69.7 70.3 70.	7 67.7 69.7 70.3 70.	7.7 69.7 70.3 70.	9.7 70.3 70.	.3 70.			•	70.3	70.3	•	•	70.3	70.3	70.	70.3	10.
68.4 70.3 71.0 71.	.4 68.4 70.3 71.0 71.	8.4 70.3 71.0 71.	.0 71.	.0 71.		-			•	71.0	71.0			•		71.
.5 74.2 76.1 76.8 76.	.5 74.2 76.1 76.8 76.	.2 76.1 76.8 76.	.1 76.8 76.	.8 76.		10000	76.8	76.8	•	76.8	76.8	.9	76.8	76.8	76.8	76.
.8 76.1 78.7 79.4 7	.8 76.1 78.7 79.4 79.	.1 78.7 79.4 79.	.7 79.4 79.	.61 4.	•		19.4	79.4	79.4	19.4	19.4			79.4	79.4	79.
+1 78.7 79.4	-8 76-1 78.7 79.4	+1 78.7 79.4	4.64	4.6	4.61		0	6	79.4	19.4	4.64	6		4.67	79.4	
.1 77.4 80.0 80.7	.1 77.4 80.0 80.7	.4 80.0 80.7	0.0 80.7	1.0	80.7		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.
80.08	1 77.4 80.0 80.7	.4 80.0 80.7	0.0 80.7	1.0	1.09		30.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.
77.4 80.0 80.1	77.4 80.0 80.1	.4 80.0 80.1	0.0 80.7	1.0	00.1		0	80.7	0		1.08	0	0	80.7	80.7	80.
8.7 81.3 81.9 8	78.7 81.3 81.9 8	8.7 81.3 81.9 8	1.3 81.9 8	6.			-	-	:	•	•	81.9	1	81.9	1:	81.
81.3 85.2 85.8	81.3 85.2 85.8 8	.3 85.2 85.8 8	5.2 85.8 8	5.8 8			86.5	86.5	86.5	86.5			9	86.5		86.
85.2 89.7 90.3 91.	85.2 89.7 90.3 91.	.2 89.7 90.3 91.	9.7 90.3 91.	0.3 91.	1.		1.	:	-	-	:		91.0	1:	1:	91.
.0 93.6 94.2	89.0 93.6 94.2 94.	.0 93.6 94.2 94.	3.6 94.2 94.	4.5 94.			8.46	8.46	8.46	8.46	94.8	8.46	;	94.8	94.8	94.
89.0 93.6 94.2	89.0 93.6 94.2 94.	.0 93.6 94.2 94.	3.6 94.2 94.	4.2 94.	4.	-	8.76					8.46				94.
91.6 96.1 97.4 9	91.6 96.1 97.4 9	.6 96.1 97.4 9	6.1 97.4 9	7.4 9		-	98.1	98.1				98.1	98.1	98.1	98.1	98.
92.3 96.8 98.1	92.3 96.8 98.1 9	.3 96.8 98.1 9	6.8 98.1 9	8.1 9			7.86	98.7		98.7	2.86	98.7	7.86	98.7	98.7	98.
4 92.3 96.8 98.1 9	92.3 96.8 98.1 9	.3 96.8 98.1 9	6.8 98.1 9	.1 9			98.7	98.7	98.7	4.66		4.66	4.66	4.66	4.66	99.
4 92.3 96.8 98.1 9	4 92.3 96.8 98.1 9	2.3 96.8 98.1 9	6.8 98.1 9	8.1 9				98.7		4.66	4.66	6	4.66	4.66	4.66	66
2.3 97.4 98.7	4 92.3 97.4 98.7	2.3 97.4 98.7	7.4 98.7	8.7	4.66		4.66	4.66	4.66	0000	00.00	0000	0.00	100.0	100.0	001
.4 92.3 97.4 9	.4 92.3 97.4 98.7	2.3 97.4 98.7	7.4 98.7	8.7	4.66		4.66	4.66	4.66	0.00			0.001	100.0	10000	001
4 92.3 97.4 98.7	4 92.3 97.4 98.7	2.3 97.4 98.7	7.4 98.7	8.7	4.66		4.66	4.66	4.66	0000			0.001	0		001
	4 92.3 97.4 98.7	2.3 97.4 98.7	7.4 98.7	8.7	4.66			4.66	4.66	0000	00.00		0000	10000	100.0	001
4 92.3 97.4 98.7	4 92.3 97.4 98.7	2.3 97.4 98.7	7.86	8.7	4.66		4.66	4.66	4.66	0.00		0	0.001	100.0		00
.3 97.4 98.7	4 92.3 97.4 98.7	.3 97.4 98.7	7.4 98.7	8.7	4.66		4.66	4.66	4.66	0000	00.00		00.00	100.0		00
4 92.3 97.4	4 92.3 97.4 98.7 9	.3 97.4 98.7 9	7.4 98.7 9	8.79	4.66		4.66	466	4.66	0.00	00.00	00.00	0.001	100.0	100.0	001
6 62.3 97.4 98.7 9	6 62.3 97.4 98.7 9	.3 97.4 98.7 9	8.79	8.79			4.66	7.66	4.66	0000	•	ó	0.00		0000	00
79.4 92.3 97.4 98.7 99.4	.4 92.3 97.4 98.7 9	.3 97.4 98.7 9	8.7 9	8.7 9			4.66	4.66	4.66	00.00	00.00	00.00	00.00	100.0	100.0	001

TOTAL NUMBER OF OBSERVATIONS

0.

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3

38

	Al	4 48.	2 74.	2 74.	76.1	6 82.0	00	0	3 92.	9 92.	3 92.	3 92.	0	3 92.	5 95.5	1 98.	7.66 4	7.66 4	4 99.4	-	0010	0010	2100	0010	0000	0100	0010	0100	0010	0000
	Al ×	4 48	2 74.		1 76	2	84.	€ 65.	2.	5.	2.	3 92.	5.	2.	3	1 98.		* 66 9	6	6				0	0010	0010	0	0	001	0000
	2 5/16	4 48.	2 74.	-	1 76.	82.	84.	3 92.	0		- 1		3 92.	0	5 95.	1 98.	66 4	•	66 4	-	0100	0010	-	0010	-	0010	100	0010	100	0010
	VI %	2 74.	14.		76.	82.		€ 92.	2	92.	2	. 26 6	_	0	5 95.	1 98.			66 4	66		100		100		100		0	0010	0010
	* AI	2 74.	14.	:	76.	82.	84.	€ 95.	0	3 92.	0		0	0	5 95.		4 99.		4 99.	.66	100	00	100	•	100	0010	100	100	0010	0010
	VI %	4 48.	74.	•	1 76.	82.		3 92.		3 92.		3 92.	_	3 92.	5 95.	1 98.			4 99.		0	0010	ö	ò	100	0	0010	0100	0000	0010
MILES)	VI VI	4 48.	2 74.	-	1 76	80	80	3 92.	0	3 92.	0	3 92.	0	6	_	1 98.	4 99.		-	0	0100.	2			2	0	2		4	0000
VISIBILITY (STATUTE MILES)	Ā	2 74	-1	-	5 76	80	00	0		6 92.	-	. 6 92.		0	8 95.	. 86 4	7 99.	. 66 4	7 99.		4100	0014	.0014	.001	.001	4100	4100	4100	001	001
VISIBILITY	2 17/2	4 48	-	-	37.5	80	. 9 83.	0	.6 91.	_	-	.6 91		0	. 8 94.	0	.7 98.	. 7 98.	. 7 98.	. 4 98.	. 4 99.	4 99	66 5	66 5	66 4	66 5	66 5.	66 5	. 4 97	4 99
	2% 2 2	2 74	-	-	5 75	a	. 9 83	6 91	0	16 0	-	. 6 91	100	6	.2 94	8 97	.1 98	1 98		1 98		66 1		66 7	66 /		. 7	66 1	66 /	7 99
	1 1 2	2 74	-:	1	5 75	3	.9 83	16 9.	~		~	> 0	.6 91	•	.2 94	.8 96	.1 98.	.1 98	.1 98	1 98		1 98	.7 98	86		. 1 98	.7 98	1 98	1,	7 68
	AI -	.6 748	-	-	8 75	8	.2 83	16 0.	-	16 0.	16 0.		.0 91	.0 91	\$6 6.	.2 96		.5 98	.5 98	86 5.	. 1 96		. 1 98	86 1.		.1 98	.1 98		96 1.	86
	A1	.5 47	.3 73	.3 73	147	.3 81	.7 83	16 5.	.5 91	.5 91	.5 91		.5 91	.5 91	.4 92	6	·3 65	0	.3 95	6	96 0.	0	96 0.	96 0.	96 0.	96 0.	96 0.	96 0.	000	96 0.
	۸۱	40.7 46	-	0.0	3 7	-	.7 78		.2 86	20 0	.2 80	2	3 86	1	76-1 88	68 4.	.1 90	06 1.	1.1 90	.1 90	.1 91	.1 91	16 1.	16 1.	.1 91	16 1.	.1 91	16 1.	1, 1.	16 1.
	2	40	90	00	3 5	99	67	74	74	7.	74	74.	74	74	76	-	78.	78.	78.1	78.	78.1	78.	78.	78.	78.	78.	78.	78	18.	78
0	٨١	0 8	8	8	88	9	2	2	8	2	8	2	2	9	2	9	9	9	8	2	2	2	2	9	2	2	700	300	2	80
CEILING	(FEET	NO CEILING	V 18000	VI .	12000	V 1000	0006	000 <b>8</b>	700	0009 AI	- 1	7 4500			300	1	1 200		1500	100	٧١ 8	8	٨١		8		VI 4	AI 30		AIAI

TOTAL NUMBER OF OBSERVATIONS

155

3

200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

JUL HONTH

ALL HOURS (1 5 T.)

2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	٨١	45.7	63.6		63.6	64.3	66.3	73.6	74.2	19.1	19.5	19.5	80.0	30.1	80.2	80.0	86.5	32.4	36.2	96.2	97.6	97.9	98.6	98.6	98.8	98.9	0.66	99.3		8.66		8.66	0.00
	× 1	5.7	3.6	3.6	3.6	4.3	6.3	-	74.2	-	5	-	0	7.	2	6	6.5	2.4	6.2	6.2	7.6	7.9	8.6	8.6	8.8	8.9	0.6	6.6	4.6	9.8	9.8	8.6	9.81
	91/6	5.4 4	3.4 6	*	3.4 6	9 0.1	6.1 6		0.	8	.2	~		00	0.	9.	.2	2.0 9	.8	.89	.2	0	.2 9	.2		5		3.9 9	0	9.4 9	9.4 9	4.	9.4 9
	Al	4	4	0	4	0	9	-			2 79		_	_		_	2 8	6	0	6	0	0	0	0	0		0	0	0				4
	AI 2	45.	63	63.	63	04.	99	13.	74.	78.	79.	6	79.	48	79.		86.	92.		95.						98.	98			66	66	66	99.
	*	45.3	63.3		63.3	0.49	0.99	13.2		78.7	79.1	79.1	19.6	79.7	79.8	C	86.1	-	95.7	3	97.0		97.9	98.0	98.2	98.2	98.3	98.6	98.6		6		
	% Al	45.3	63.3	3	63.3		0.99	73.2		8	1.64	16.1	19.6			80.5	86.1	616	95.7	1.56		61.3	7.	0.86	8	98.2	68.3		98.6	0.66	0.66	0.66	0.66
6	- -			3	63.2		5	3	73.8	8	19.0	6	6			0	86.1			92.6			-			1.86					7.86	201	98.7
VISIBILITY (STATUTE MILES	¥1 %	5.0	63.0	3.0	63.0	9.		6.	13.6	4.8	8.8	8	6.3	4.6	.3	.2	5.8	-	.3	-		0	4.	.5	7.7	7.7	7.7	6.	4.6	8.2	.2	8.2	98.2
LITY (STA	7 27	0.0	63.0	3.0	3.0		9.6			_	8.7	8.7	9.2	6.9	4.6	0.1		1.5	5.2	-	9.9	6.96	7.3	7.4		9.1	7.7	7.8	8.16	8.1	8.1	8.1	8.1
VISIB	~	6	2.7	. 2	2.7	*		. 5	3.2	0	3	4.	0.	0.	. 1	8	5.3		4.8	20	6.2		1121	6.	-		14		0	9.	6 9.	9.	6 9.1
	AI	4	5 6	5 6	5	0	0	-	7		~	1		-	0	3 76	20	0		6 0	0		60	1 96	3 97	2	3	2	4 97	5 97	2 9		5 9
	1 2%	43.		.09	C	01.	62.		70.	75	75.	75.	76.	16.	76.	1	82.	88	92.	92.		93.			94.		94.	94.	94.	94.	94.	94.	94.
	AI	3.		0	60.2			69.1	70.3	75.2		75.6			76.3		82.2	-	91.5			93.2	3	•						0.46		0.46	94.0
	<b>A</b> I	0	57.0		57.0		50.4	4.99	67.0		72.2		5		72.9	73.4		83.9	87.3	87.3		68.9		89.4		6			9.68		89.7		89.7
	S) Al	37.3	52.7	52.7	52.7	53.3	54.8	4.10	95.0		6.99	•		•		6.19	•	•	91.0			82.3	•	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	o Al	-	-	-	•	-	-	-	51.6	~	-	2	ac.	6	-	2	20	-	•		-	9	4		5	s.					69.8		
	2																																
CEILING	(FEET)	NO CEILING	× 20000	V 18000	14000		12000	1	900		7000		2000		0007		3000		7000		1500		900		8		8		400		200	901	0

Or O.

TOTAL NUMBER OF OBSERVATIONS

1240

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

AUG

CEILING VERSUS VISIBILITY

13.61	YEARS	PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)
CIL FIELD, FLUKIOR	STATION NAME	PERCENTAGE FREQUE	(FROM HOURLY
113			

CEILING							NIS.	VISIBILITY (ST.	(STATUTE MILES	ES)						
(FEET)	2	o Al	8 41	4	6 41	≥ 2%	7 2	¥1 Y	71 7	1	*	*	2 11	2 5/16	N N	0 1
NO CEILING		47.1	54.2	58.7	0			62.6	2	3	63.9	3			3.	
≥ 20000		59.4	8	*	6.	. 0	00	8	8	ò	0	0	0	0	0	
≥ 18000		\$9.4	4.89	14.8	16.8	76.8	78.1	78.7	78.7	80.0	0	80.0	80.0	80.0	80.0	80.0
≥ 16000		29.4			;	•	8	78.7		ċ	ċ	0	0	0		
> 14000		59.4		14.8	9		8	78.7	8		0	ċ	0	•	0	80.0
7 12000		61.3				78.7	80.0	80.7	0	-	-	-	-	-	:	81.9
4 1000		54.5	1	-	3		*	5						86.5		
88		65.8		82.6	3	*	85.8	86.5	;		-	-	-	-	87.7	87.7
1		99.0					-	-:	-	2.	2	65.6	2		2	92.9
700		0.69	80.7	87.1	6	0	-	91.6	:		3	2	2	2	2.	
1		0.69	80.7	87.1	6		-	-:	-	2.	~	2	2	2	2.	
2000		0.69	80.7	87.1	6	6	-		-		2	65.6	2	•	92.9	92.9
		0.69	80.7		6	6	-	:	-	2	2	2.	2.	2	2.	
141		0.69		87.1	89.0	6	0.16	91.6	91.6	?				2.	92.9	
1		0.69	0		6		-	-:	-	2	2	2	2.		2	92.9
3000		2.69	-	7.78	0	·	2	2	2	*		*		;	;	94.2
100		69.7		87.7	0		2.	92.9	2	2.46		4	*	*	*	94.2
3000		70.3	-	88.4	-	-	2	3		*	*	:	;	4.	*	
1		70.3	-		-		2					*	*	4	:	94.8
141		70.3	-	*	-	-		;	*	3	3	3	'n	3	3	
		70.3	-	88.4	:		3	34.5		95.5	3.	5	2	5	3	95.3
141		70.3	-	88.4	2	2	;				1.96	96.1	;		0	
1		70.3	-		2.		*		*	•	0		0			96.1
8		70.3	-	88.4	6.26	P.J	*	95.5	5		8.96	;	8.96	8.96	96.8	
		70.3			2			95.5	3		•	0	0	0	0	96.8
8		70.3	-		2.	2	9. 56		3		9				;	
		70.3			3.	62.		96.8	è			98.7	8	98.7	98.7	
8		70.3	3	89.0	*		8.96		-		6	6	0	6	4.66	4.66
		70.3			*		4.16	98.1		ò	0.00	100.0				100.0
38		70.3	~		*		4.16	98.1	98.1	100.0	0	0	100.0	100.0	100.0	100.0
8		70.3	•	89.0	2.46	2.46	4.16	98.1		•	0.001	100.0		•	0.001	100.0
					,					•	4					000

TOTAL NUMBER OF OBSERVATIONS

SOWS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832 STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.4 HOURS (1.5.7.) AUG

22

SWI							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
	2	41	S AI	4	6 1	2 2%	2 41	21 7	¥1 Y	-	× Al	*	Z AI	≥ 5/16	N AI	0 11
EILING		32.3	51.6	58.7		60	-		8		3		14.8	14.8		74.8
20000			0	68.4		74.2	8.	0	0	;	3	85.8	87.1	87.1	87.1	87.1
18000			0	•	3	4		0	0	4	3	2		- Con-	-	87.1
16000				4.89		74.2		80.0	0	84.5	3		87.1	87.1	87.1	87.1
4000			0		3.			0	0	4	3	85.8	-			87.1
12000				0.69	4	74.8	6	0	0	85.2	9			87.7		87.7
0000			-	0	5	0	.0	:	-	6.	-	:	6	6		89.0
9006		38.7	3	71.0	76.1	76.8	81.3	2	82.6		8	88.4	89.7		89.7	89.7
8000			67.1	9	:	-	:	8	8	2	4	*	5	3		95.5
2000			67.1	76.1	-	81.9	87.1	88.4	8		*	2.46	95.5	2	95.5	95.5
0009			67.1	0	-	-	-		8	2	4.	*	3	5		95.5
9000			67.1	76.1		-	87.1	88.4	0		*	2.46	3	5		95.5
7500			67.1	76.1	-	-	7	88.4	00	2	4	*	3	3.		
4000			67.1	76.1	81.3	-	87.1	88.4	0	2	4	94.2	3	5		95.5
3500			67.1	76.1	-	-	-			2	*	*	2	5		95.5
3000			67.1	76.1	-		87.7	89.0	6		*	4	.0			1.96
2500			67.1	76.1	-		-	6	6	**	*	:	9	9		96.1
2000			67.1		-	2					;	*	1.96	9		96.1
1800			67.1	76.1			87.7		6		3	8.46	0	1.96		96.1
1500			67.1		-	2		6	6	3	*		1.96	•		1096
1200			67.1		-	•	-	6	6		. 4	;	0	9		1.96
1000			67.1	76.1	81.9			89.0		3	*	*	1.96	1.96	1.96	1.96
000			67.1	76.1	-		-	6	0	3		3	9	96.1		96.1
8			67.1	76.1	81.9	2					8.96		96.1	96.1		1.96
82			67.1	76.1					6	•	;	3				
909		43.2	67.1	76.1	-	2.	87.7	6	0	93.6	94.8	4		1.96	96.1	1.96
200			67.1	76.1	-				6			4	9	1.96		96.1
400			67.7	16.8	82.6					5	8.96		1.86			98.1
300			67.7	•			•	0	0	2	•	•		98.1	1.86	98.1
300			67.7	76.8		83.2			0		98.1			4.66	4.66	4.66
901			67.7	16.8	82.6	83.2		0	90.3	1000	1.86	98.1	4.66	17.66	00.00	0000
•			67.7	76.8		83.2		80.0		96.1	98.1		4.66	99.41	00.00	0.00

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

AUG

07 HOURS (1.5.T.)

100

91.6 94.2 91.6 91.6 91.6 91.6 94.2 94.2 34.5 98.7100.0100.0 92.3 92.3 92.3 92.3 92.3 ٨١ 91.6 34.5 81.9 91.6 9116 65.3 91.6 91.6 2006 2.46 8.96 98.1 81.9 95.5 2.46 2.46 94.2 81.9 1 Al 91.6 93.6 8.46 81.3 91.0 91.0 91.0 91.0 91.0 91.6 93.6 93.6 93.6 93.6 93.6 61.3 82.6 91.6 96.8 84.5 91.0 81.3 84.5 8.76 1.96 81.3 2 5/16 9.16 93.6 81.3 82.6 91.0 91.0 0.16 0.16 0.16 91.0 91.6 91.6 93.6 93.6 93.6 8.96 84.5 93.6 93.6 94.8 8.46 81.3 84.5 96.1 97.4 81.3 81.3 98.7 2 A 69.0 40.61 89.0 89.0 69.0 89.0 91.6 91.6 91.6 95.9 2.46 19.4 82.6 9116 91.6 9116 6.26 6.26 95.5 82.6 89.0 89.7 95.5 80.7 89.7 8.46 96.1 89.7 AI 91.6 4.64 89.0 91.6 82.6 0.68 89.0 91.6 91.6 94.8 89.0 0.68 89.0 916 91.6 2.46 1.06 4.64 79.4 82.6 1.68 1.68 65.6 95.5 1.96 1.68 80.7 96.1 % Al 0.68 0.68 76.8 89.0 89.0 91.6 92.3 76.8 72.9 76.8 80.0 80.0 87.1 89.0 89.0 86.5 90.3 6.06 88.4 92.9 76.8 78.1 86.5 82.6 86.5 82.6 86.5 86.5 86.5 87.1 83.2 87.1 \_ ^I VISIBILITY (STATUTE MILES) 85.2 82.6 82.6 83.2 85.2 85.2 85.2 74.2 82.6 83.2 76.1 85.2 88.4 65.2 72.9 82.6 85.2 87.7 72.9 76.1 86.5 87.7 ٨١ 72.9 72.9 82.6 85.2 88.4 72.9 74.2 82.6 76.8 82.6 82.6 83.2 72.9 85.2 85.2 85.2 88.4 1.9 70.3 76.1 76.8 82.6 83.2 80.7 86.5 76.8 82.5 83.2 85.2 86.5 87.7 87.1 82.6 82.6 82.6 77.4 4.61 81.9 82.6 76.8 76.8 76.8 77.4 4.61 4.61 81.9 79.4 70.3 77.4 79.4 80.7 67.7 67.7 0.69 79.4 67.7 67.7 7 70.3 73.6 74.2 63.2 72.3 6.0 72.3 12.3 72.3 12.3 74.6 74.8 74.8 6.0/ 60.7 63.2 69.7 69.7 12.3 1.09 1.69 69.1 69. .09 2 2% 0.09 6.10 61.9 67.7 4.89 68.4 70.3 10.3 70.3 70.3 70.3 71.6 11.6 72.3 72.9 72.9 0.09 67.7 67.1 57.7 4.89 70.3 60.0 60.7 67.1 67.7 72.9 72.3 ۳ ۸۱ 59.4 \$3.4 61.9 53.6 54.2 0.00 63.5 54.2 59.4 29.4 \$0.4 47.7 60.0 6.19 61.9 61.9 63.9 52.9 52.9 52.9 0.09 6.10 63.2 50.3 63.9 64.5 64.5 ٨١ 0.64 31.0 0.64 51.0 47.1 47.1 47.1 49.0 0.65 51.0 51.0 47.1 50.3 50.3 21.0 0.65 50.3 47.7 40.7 40.7 47.1 47.1 47.7 0.65 41.3 6.15 41.9 40.7 17 32.3 30.3 31.0 31.0 25.8 25.8 30.3 30.3 30.3 30.3 30.3 31.0 32.3 32.3 32.3 32.3 33.6 25.8 32.3 33.6 33.6 34.2 34.2 34.2 34.2 25.2 34.2 25.2 33.6 Al 2 AI NO CEILING VI VI 00081 00081 (FEET) 12000 000 000 000 2000 9000 3500 2000 1000 88 80 2 20000 4500 500 800 88 88 AI AI ALAI AI AI ALAI AI AI ALAI ALAI AI AI ALAI ALAI AI AI AI AI AI AI

0

0

TOTAL NUMBER OF OBSERVATIONS

155

-

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LS.T.) AUG

	٨١	19.4					5.5		2.6	6.5	6.5	6.5	6.5	6.9	6.3	9.90	11.6	16.5	4.2	4.2	6.8	8.9	96.8	90.8	7.4	18.7					0.00		0.0
		4	-		_		5			5 6	•	5	•	0	•	9	9	-		2		00	00	20				7		010	010	010	010
	AI 2	39.	54	54	-	54.	-		62.	99	99	99	99	99	99	99	2	86	94		96		96			98			6	00		00	00
	5/16			•								•					9.				. 8				4.		1.1	1.1	*:		0.0	0.0	9.0
	AI	39	2	2	S.	c	×	0	0	0	0	0	•	0	•	0	-	80	0	2	2	2	2	9	0		86	6	0	20	-	2	500
	2	6	*		24.5		15.5	-									7.0						96.8		7.4	18.	8.7	8		0	0.0	0.00	000
		4		2	2	2	5	9 6	•	5	5	5	2	5		2	•	2	~	2	8	00	80	00	4	-	-	6	4	-	010	010	010
	AI XI	39							62.	9	99	99	99	99	99	99	7:	86			96		96		97.	8	98	98	66	00	00	00	00
	*	4.6	•				5.5														•									0.0		0.0	0.0
	AI	10	n	•	=	5	80	9	9	0	9	9	0	9	•	9	9	80	0	6	8	6	0	6	0	6 4	6	6		07		010	000
	Ā	6		*	*	*		-	2.			.0		.0		9	-		4	*		•		•					6		0	000	
MILES	7.	-	-		7	-	S	-	-	-	5	-		-		-	9	-		-		00	00	-		-	۲.	-		-	0	0.	4
ATUTE	Ā	39		54			55			99	99	99	99	99			7			34	0	0	96					86		001	100	001	001
VISIBILITY (STATUTE	7.7	4.6			4.2		5.5		2.6						6.5		1.6		4.2		8.9			6.8		8.7	8.7	8.7	4.6	0.0	0.0	0.0	0.0
/ISIBIL	Al				2 3		30	_	9					_			6 7	-	9	0	2	c	6	0	0	0	2	2	0	10	010	010	010
	71	39.		54.	34.	54.	52	61.	62.	.99		.99		0	0		71.	9		+	96	0	96	96		.86	.86	98.			.00	00	00
	21/2		•	•	•			•		•	•				•		0		•		•		7			4.			4.	4.	.41	. 41	4.
	AI	38	2	2	~	3	50	0		0		0	0	0	9	9		0	0	2			96	6	0	6		0	0	6	197	6	19
	N AI	38.	3	3			*	-	=		3		5		3.	3.	71.0	3	93.6		;	96.1	1.96				97.4	-		97.4	7.4	17.4	7.4
	_					_	2	_	3	2 6		2 6	2	-	2	_	193	-	6	6	_	30				_		_	_	-	8	00	80
	AI	38				52	54	09	5	65		63			63		5		92	92	56		2		•	96	96	96	96	96		96	86
	5 41	7.4	•	•	2.3		3.6	0.0	1.0	4.5	4.5	4.5					0.6	3.9	0.3	0.3	5.9	5.9	5.0	5.9	3.6	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
			c	in	=	8	10	0		0		1	0	9	•	9	0	8	0	6	0	0	c		0	0	6		1 9	6		1 9	
	٨١	34.		47.	47.	47.	6.0	54.	53.	58.	58.	58.	58	58.	58.	58.	63.	17.	83.	83.	86.	86.	86.	86.	86.	87.	87.	87.	87.	87.	87.1	87.	87.
	9																																
_	Al											_				-		_		_						_				-			
CEILING	EET)	NO CEILING	20000	9000	14000	4000	12000	0000	900	9000	200	9009	2000	4500	900	3500	3000	2500	2000	1800	1500	1200	000	8	8	700	8	900	8	300	200	8	•
2	E	NO.	٨١	A	٨١		1 1		AI	1	IAI	1	IAI		IAI		1 11	1	1 11		IAI		IAI	٨	IAI	^	IAI	٨	IAI	٨	IAI	Al	IAI

TOTAL NUMBER OF OBSERVATIONS

8 =

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

13

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(8)						
(186)	2	۰ ۸۱	N AI	4	e Al	Y 2%	7	٧١ ۶	YI %	<u></u>	% Al	* AI	N %	≥ 5/16	¾ Al	0 11
NO CEILING		13.6	14.2	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
Z 20000		25.8		•	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
V 18000		25.8	26.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
16000		25.8		26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
> 14000		25.8	26.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
2 12000		27.1		27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
		30.3	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
8		30.3		31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
		36.1	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1		38.1	38.1	38.1	38.1	38.1
700		36.1	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
1		36.1	37.4	37.4	38.1	38.1	38.1	38.1		38.1		38.1	38.1	38.1	Direction of the last	38.1
200		36.1	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
		36.1	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1		38.1	38.1	38.1		38.1
1 1		36.1	37.4	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
		38.1	39.4	39.4	40.0	40.0	0.04	40.0	0.0%	40.0			40.0	40.0	•	40.0
300		58.1	9.79	63.2	63.9	63.9	63.9	63.9	63.6	63.9	63.6	63.9	63.9	63.9	63.9	63.9
1		82.6	87.7		89.0	0.68	0.69	89.0	0.68	89.0	6	6	6	89.0	6	89.0
200		85.8	65.3	65.6	8.46	8.46	8 . 46	8.46	8.46	8.46	94.8	8.46	94.8	8 . 46	8.46	8.46
		86.5	6.26	93.6	95.5	88.5	95.5	95.5		95.5		95.5	95.5	95.5	95.5	95.5
1 1 2 8		88.4	95.5	96.8	48.7	7.86	98.7	98.7	48.7	7.86	98.7	28.1	98.7	98.7	98.7	98.7
1		39.0	1.96	4.16	4.66	4.66	4.66	7.66	4.66	9.66	4.66	4.66	4.66		4.66	4.66
8		89.0		4.16	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4066	4.66
		89.1		98.1	10.001	00.00	0.00	00.00	00.00	0000	•	0.001	00.00	00.00	0	0000
8		89.7		98.11	00.00	100.00	0000	00.00	00.00	0000	0.00	100.00	100.00	00.00	0	0.00
		89.7	-	98.1	10.001	00.00	0.00	00.00	00.00	00.00	0000	0000	0000	0.00	0000	0.00
8		89.7	96.8	98.11	10.001	00.00	00.00	00.00	10.00	0000	0000	100.00	100.00	00.00	100001	0.00
		89.7		98.11	100.00	00.001	00.00	0.00	00.00	0000	0.00	0.001	0.001	0000	00.001	00.00
8		89.7		98.11	0	00.00	100.00	00.00	00.00	00.00		100.00	•	00.00	•	0.00
		89.7		98.1	0.	0.001	0.001	00.00	00.00		•	0 001		00.00	100001	0.00
7 200		89.7	8.96	98.11	100.00	00.00	0000	100.00	00.00	0000	00.00	100.00	00.00	00.0	100.00	000
W 100			8.96		0.001	0000	0.001	00.00		0.00	•				100.00	0000
0		89.7	8.96	98.1	100.00	100.00	0.001	0.001	00.00	0.00	0.00	00.00	0.001	0.00	100.001	00.0

TOTAL NUMBER OF OBSERVATIONS

155

1

0

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

PERCENTAC (FROA

AGE FREQUENCY OF OCCURRENCE  16  10  10  10  10  10  10  10  10  10	11-61	20%
ENCE	TAN	MANA
	SE FREQUENCY OF OCCURRENCE	16
	M HOURLY OBSERVATIONS)	NOURS (L.S.

200

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	5	AI	<b>S</b>	**	e Al	2 2%	2 41	¥1 ¥1	¥1 Y	-	% Al	*	Z AI	2 5/16	N NI	٨١
NO CEILING		17.4	18.7	18.7	6	6	6		19.4		6	19.4	19.4	6	19.4	19.4
> 20000		38.7	40.7	41.3	41.9		41.9	41.9	41.9	41.9	41.9	41.9	-		41.9	41.9
N 18000		40.0	41.9				43.2	43.2	•			•	43.2	43.2		43.2
V 16000		40.0	41.9	45.6	3	43.2				43.2		•	43.2			43.2
> 14000		40.0	41.9					43.2	43.2							
12000		45.6	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
		46.5	0.65		50.3		0			0			0	0	0	
8		46.5	0.64	49.7	0	0	50.3	50.3	0	50.3	0	0	50.3		50.3	50.3
		52.3	24.8	55.5	0			56.1	56.1		0		0			
141		54.2	56.8	57.4	58.1	58.1	58.1	58.1		58.1	58.1	58.1		58.1	58.1	58.1
1			56.8		8	*	8		8	8	8		8			58.1
8		56.1	0.09	60.7	61.3		61.3	61.3	61.3	61.3		-	61.3		61.3	61.3
			0.09	1.09	-		1	-		-	-		61.3	-	-	
141		56.8	60.7	61.9	62.6	2	62.6	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
1		9.29	60.5	67.7	8		8			8		00	8	0	8	
300		70.3	76.1	78.1			8		78.7	78.7	8	8		00	8	78.7
1		80.0	85.8	87.7	88.4	4.38		88.4	88.4	0	88.4	88.4	88.4		88.4	88.4
7 2000		84.5	6.06	92.3		è	2	2	3		3	2	3	92.9	5	
		85.2	0.16	65.6		93.6	93.6		93.6			3	93.6	93.6	93.6	93.6
1500		87.7	93.6								;	•	96.1	96.1	;	
1		88.4	2.46	96.1			-			4.76			97.4	-		
000		88.4	2.46	1.96	4.16	7	-	8	98.1			1.86	98.7			98.7
		88.4	2.46	1.96			-	8				00		98.7		
8		88.4	2.46	96.1	4.16	-	4.16		98.1	98.7	7.86		4.66		6	4.66
		88.4	2.46	96.1			:	98.1	98.1				4.66	4.66	4.66	4.66
8		88.4	84.5	96.1	-	-			98.7			4.66	0.001	100.001		0000
		88.4	34.2	1.96	4.16	4.46	4.16	48.7	18.1		4.66	6	0000	100.001	0000	0000
400		88.4	2.46	96.1	-	-	-	98.7				4.66	0.00	0	0	0000
		88.4	34.5		97.4	4.76		98.7		4.66	4.66	7.66	0000	ċ	•	00.00
38		88.4	34.5	1.96	1:	94.6	4.16	48.7	98.7		•	90.6	0000	100.00	00.00	0000
8		88.4	2.46	1.96	4.76	97.4	•	98.7	98.7	4.66	4.66	4.66	0.00	0	00001	0000
		4.85	34.5	96.1	4.16	97.4	97.4	98.7	98.7	4.66	99.4	4.66	00.00	100.00	00.00	000

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

CEILING VERSUS VISIBILITY

AUG

19 HOURS (1 S T )

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MILE	(5)						
(FEET)	V 70	<b>9</b>	8 41	7 1	E 41	≥ 2%	1 2	۲۱ الا	¥1 Y	Ā	% AI	* 1	Z.	≥ 5/16	× 1	0 11
O CEILING		25.2	28.4		28.4		29.7	29.7	29.7	29.7	-		29.7		29.7	29.7
≥ 20000		47.7		52.3		53.6	3.	53.6	3.		3.0	:	53.6	53.6	3	53.6
		48.4		52.9	52.9		*	54.2	*				24.2	2.46	•	54.2
2 1600		48.4			52.9	54.5	24.5	54.5	54.5	54.5	24.5	54.5	2.45	24.5	24.5	54.2
> 14000		0.65		53.0	53.6	54.0	54.8	54.8	54.8	54.8				94.8	24.8	54.8
1200		51.0		56.1	56.8	58.1		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
V 1000		54.8		63.2	63.9	5.50	55.5	65.2	65.2				65.2		3.	65.2
900		55.5	63.9	63.9	64.5	65.8	65.8	65.8	65.8	65.8	65.8	8.59	8.59	65.8	65.8	65.8
1		63.9		74.2	74.8	1.9/	1.91	76.1	16.1	76.1		1001	1.01	76.1		1001
700		65.8	77.4	77.4	78.1	60.0	80.0	80.0	0		0	80.0	0	80.0	0	80.0
		65.8	11.4	11.4	78.1	0	80.0	80.0	80.0		•	0		0	80.0	80.0
200		65.8	77.4	77.4	78.1	80.0	0	80.0		80.0	0	80.0	0	80.0	80.0	80.0
		65.8	11.4	77.4	78.1	0	80.0	80.0	0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
8		67.7	19.4	19.4	80.0	81.9		81.9	81.9	81.9	-	81.9	81.9	81.9	81.9	81.9
		67.7		19.4	30.0	-	•.	81.9	81.9	-	81.9	-	:	81.9	81.9	81.9
3000		70.3	82.	83.9	84.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
		72.3	86.		6	-	91.0	2.	92.3	92.3	6.76	2.	7		5.	92.3
7 2000		72.9		80.3	92.3	94.2		94.8		8.76	;	8.46	8.46	8.46	;	8.46
		72.9	87.	8006			3.46	*	8.46	8.46	94.8	*		8.46	8.46	8.46
120		74.2	89.	91.6	93.6	96.1		96.8		8.96	;	8.96		8.96	;	8.96
1		75.5	90.3		95.5		98.7	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
90		76.1		93.6	96.1	98.7	4.66	100.00	10000	00.00	00.00	10.00	00.00	40.00	10.00	0.00
		76.1		93.6	1.96		5.66	0.001	00.00	10000	00.00	10.		00.00	10.00	000
8		76.1		93.6	96.1	98.7	99.4	100.00	100.00	00.00	00.00	00.00	00.00	00.00	:	0.00
-		76.1		93.6	1.96	98.7	4.66	100.0	00.00	00.00	10.00	00.00	00.00	00.00	10.00	0.00
8		76.1	91.0	93.6	96.1	98.7	3.66	100.00	100.001	100001	00.00	00.00	10.00	10.00	00.00	0.00
		76.1		93.6	1.96	98.7	4.66	100.0	0.00	10.00	00.00	00.00	00.00	10.00	00.00	0.00
8		76.1		93.6	96.1	98.7	7.66	100.00	100.00	10000	00.00	00.00	00.00	00.00	00.00	0.00
		76.1	91.0	93.6	1.96	98.1	7.66	0.001	00.00			10.00	10.00	00.00	10.00	0000
30		76.1	•	93.6	1.96	98.7	4.66	100.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	0.00
8 4		1.91	:	93.6	1.96		7.66	100.00	10.001	10.00	00.00	10.00	00.00	10.00	10.00	0.00
0 1		76.1	91.0	93.6	1006	98.7	4.66	100.00	100.00	00.00	00.00	10.00	10.00	10.00	00.00	000

155

\$

0

TOTAL NUMBER OF OBSERVATIONS

0

0

0

0

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

0

0

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE

2

AUG HONTH

					TKOM	HOOKE		Observ A HONS								
CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(MET)	2	4	S)	AI	e Al	1 2%	7	71 71	71 71	- AI	*	*	Z Al	> 5/16	N N	٨١
NO CEILING		0		41.9	41.9	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000		57.4	61.9		66.5	67.1	67.1	67.7	67.7		1:	1.	7	67.7	67.7	67.7
≥ 18000		7			66.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7		67.7	67.7	67.7
N 16000		-	-	66.5	66.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
N 14000		58.1		67.1	67.1	67.7	67.7	4.89	4.89	4.89	4.89			68.4	4.89	4.89
2 12000		0		68.4	68.4	0.69	0.69	69.7	69.7	69.7	1.69	2.69	69.7	69.7	69.7	49.7
		63.2		76.1		16.8	76.8	77.4	17.4	77.4	77.4	11.4	4.1	11.4	77.4	4.1
906 AI		3.	:	76.8	76.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
		71.6	0	85.8	86.5	87.1	87.7	88.4	88.4	88.4	8	98.4		88.4	8	88.4
7000		3	:	87.7	88.4	89.0	6	600	90.3	90.3	6.06	80.3	6.06	90.3	90.3	800
1			-	87.7	88.4	89.0		90.3	90.3	90.3	6006	90.3		90.3	90.3	90.3
9		72.9		87.7	88.4	89.0	89.7	90.3	90.3		90.3	80.3	90.3	90.3	90.3	600
1		72.9		87.7	88.4	89.0		90.3	90.3	90.3	90.3	6.06	90.3			90.3
9		73.6		88.4	89.0	89.7	90.3	91.0	91.0			91.0	91.0	91.0	91.0	91.0
1		74.2		0.68	89.7				91.6		-	91.6	91.6	91.6	91.6	9116
3000		75.5		91.0	91.6	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
		77.4			34.5	;		96.8		96.8	96.8	8.96	96.8	96.8	96.8	96.8
7 2000		79.4	89.	95.5	96.1	9	1.86	98.7	98.7	98.7	98.7	48.7	98.7	98.7	98.7	98.7
		79.4	89.		1.96	96.8	98.1	98.7	98.7	7.86	48.7	4.86	98.7	98.7	98.7	98.7
1500		79.4		95.5	1.96	96.8	98.1	1.86	98.7	98.7	1.86	98.7	98.7	98.7	98.7	98.7
		79.4	89.	95.5	1.96	96.8	98.1	98.7	98.7	98.7	48.7	98.7	48.7	98.7	98.7	98.7
1000		80.0	90.	96.1	8.96	4.16	98.7	4.66		4.66	4.66	4.66	4.66	99.4	4.66	4.66
		80.0	.06	1.96		97.4	98.7	7.66	4.66	9.66	4.66	4.66	4.66	4.66	4.66	4.66
8		80.0	90	96.1	96.8	97.4	7.86	4.66	4.66	4.66	4.66	1.66	4.66	40.66	4.66	4.66
		80.0	06	96.1	-	97.4	98.7	4.66	4.66	4.66	4.66	6		40.66	4.66	4.66
89		80.7	91.	96.8	97.4		4.66	0	0.001	100.00	0	•	•	0	100.0	0.001
		80.7	91.	8.96	4.76	98.1	6	0	0.001	0.001	0.00	0		00001	100.0	0000
N 400		80.7	91.	96.8	97.4	98.1	9.66	100.0	0.00			0.0	100.0	0	100.0	0.00
36		80.7			97.4	98.1	4.66	100.0	0.001	ċ	0.00	ò		0	0	0.001
		80.7	91.		97.4	98.1				ċ	0	0	0	0	0	0.00
8		80.7	91.0	0	97.4		4.66			0	0	0.0	000	0		0.00
		1.00	0.14	90.06	4.16	78.1	4.64	0.00	0.00	00.00	00.00	000	000	0000	0.001	0000

TOTAL NUMBER OF OBSERVATIONS

0

0

0

0

0

155

1000

SMOS

100

# NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

ALL HOURS (LS.T.)

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AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) CECIL PIELD, FLORIDA

73-77

CEILING							VISI	VISIBILITY (STATUTE MILES)	NTUTE MILE	S)						
(FEET)	5	٥ ٨١	\$°	AI AI	8	2 2%	2 41	VI %1	¥1 VI	- 41	% Al	*	Z AI	≥ 5/16	AI AI	O AI
NO CEILING		28.9	35.0	38.2	39.9	56.9	41.9	59.8	26	43.9	44.3	44.3	61.6	61.6	44.7	44.7
1 4000		42.7	00	54.7	00	22		00	59.8		-:-		-:-	61.9	61.9	61.9
17000		42.8	52.3	56.3		59.0		59.9	6 -	61.1	61.6	61.6	63.8	63.8		62.1
VI VI 0000 0000		47.7	56.6	61.4	m m	63.6	65.2	66.3			68.5	68.9		48.89	69.0	68.5
71 VI		53.8	63.2	68.5		71.5	38			74.7		75.2	76.5	0.0		75.7
9000 AI AI		53.8	64.1	68.9		71.9	73.8	74.4	74.4	75.7	76.5	76.5	76.9	00	76.6	76.6
VI VI 004 006		54.0	64.5	68.9			73.00	74.8	74.8	76.1			77.4		77.0	77.5
3000		55.6	::	76.3	72.8		15.4	76.5	9 %	83.6		84.1	20 4	00 4	× 4	78.6
7 200		69.0	81.1	83.4	86.0	89.0		89.8	92.9	91.0	91.5	94.6		-150	91.9	91.9
1		70.2	- 20	86.5	90.0	99.0	- 6		m . u	94.3	94.8	94.8	201		100	95.2
		70.7	2 2	00 00	:	100	94.1	60.00	95.3	000	97.0		97.5			
8 8 8 8		21:10	83.2	88.5	91.4	92.4	3 3 3	95.7	900		97.5	97.5		98.0	98.1	98.2
		71.1			92.0	92.7			00	- 00						98.9
38		71.3	83.6	89.0		93.0	95.7	96.9	96.9		99.0	99.0	99.4	99.4	99.8	99.5
8°		71.3	83.6	89.0	92.3	93.0	95.7	96.9	96.9	98.6	99.5	99.2	99.8	99.8	0000	0000

TOTAL NUMBER OF OBSERVATIONS

1240

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP

0.1 HOURS (1.5.7.)

9886

CEILING							NIS.	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	2	o Al	S AI	AI AI	1 3	> 2%	7 4	VI 72	¥1 VI	ĀI	AI	*	Z AI	≥ 5/16	VI 74	AI
NO CEILING		45.3	52.0	56.0	62.7	62.7	0.99	0.99	0.99	66.7	66.7	1.99	66.7	66.7	66.7	99
≥ 20000		50.0	58.7		70.7	70.7		74.0		74.7	74.7	74.7	74.7	74.7	74.7	4:
		20.0		63.3	70.7	7.07	74.0	74.0	•	74.7	74.7	74.7	74.7	74.7	74.7	74.
00091 2		50.0	58.7	63.3	70.7	70.7	74.0	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.
		50.0	58.7	63.3	70.7	10.1			74.0	74.7	74.1	14.7	14.7	74.7	74.7	14.
12000		50.0	59.3	64.7	72.0	72.0	75.3	75.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	16.
		51.3	-	67.3	74.7	14.7		8	78.0		79.3	19.3	6	6	79.3	79.
900		52.0	62.0	68.0	75.3	75.3	78.7	78.7	78.7	80.0	80.0	0	80.0	80.0	30.0	80.
1		56.7		75.3	82.7			86.0		-		87.3		7		87.
7000			68.7	76.0	83.3	83.3	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.
1		56.7	68.7		83.3	83.3	86.7		86.7	8				88.0	88.0	88.
900		58.0	70.0	77.3	84.7	84.7	0.88	88.0	88.0		89.3	89.3	89.3	89.3		89.
		58.0	70.0	77.3	84.7	84.7	98.0		8	89.3	89.3	•		89.3	89.3	89.
80		58.7	70.7	78.0	85.3	85.3		88.7	88.7			90.0	90.0	90.0		90
				78.7	.0	86.0	•	89.3	6	4006	40.1			90.7		90.
3000		59.3	72.0	80.7	88.0		91.3	91.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.
1			72.0	80.7	88.0			91.3	:	92.7	92.7		92.7	92.7		92.
7 2000			73.3	82.7		90.0	93.3		93.3	94.7	94.7	4.7	94.7		94.7	94.
		60.7	73.3	82.7	0.06	•		93.3	93.3	94.7		4.7		94.7	94.7	. 76
200		61.3	74.0	83.3		90.7	7.96	;	1.46		;	0.96	96.0	0	96.0	96
			14.0	83.3	40.7	1.06		1.46	4.7			0.96		96.0		96
90		61.3	74.0	83.3	7.06	90.7	1.46	4.4	7.46	96.0		0.96	96.0		96.0	96
			74.0	83.3	1.06	1006	7.46	1.46	4.7		9	0.96	95.0	96.0	9	96.
8		61.3	24.0	83.3	91.3	91.3	95.3	0.96			97.3	97.3	97.3			
		61.3	0.47	83.3	61.3	91.3	66.3	0.96	0.96	97.3		97.3	97.3	97.3	97.3	
8		61.3	74.0	83.3	91.3	91.3				Times .	97.3		97.3			97.
		-	14.0	83.3	61.3	-		0.96	0.96			97.3	97.3		97.3	
8		-	74.0	63.3	91.3	91.3	6.56	0.96	0.96	97.3	97.3	97.3	97.3	97.3	97.3	97.
98		62.0	74.7		2	2.	.0		1.96		1.86	7.86		98.7		98.
200		2.	14.1	84.0	95.0	72.0	•	1006	96.7	0	0	•	•	0	0	
8		62.0	14.1	0.48	92.0	000	96.0	90.1	90.7	000	0000	0000	000	000	00000	000
				3	200		•			5	>		2		•	

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TOTAL NUMBER OF OBSERVATIONS

150

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888

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-

YEARS

SEP MONTH 04 MOURS (L S.T.)

i

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

OSUNON

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	71	۸I	8 41	4	S AI	≥ 2%	7 4	V1 V2	71	-	* AI	*	Z AI	≥ 5/16	N NI	٥
NO CEILING		28.7		50.0		54.0	2.	64.7	*	68.7	68.7	1.89	69.3	69.3	69.3	69.3
> 20000		30.7	47.3	55.3	59.3	59.3	68.7	71.3		76.0	76.0	76.0	76.7	76.7	76.7	76.7
V 18000		30.7		55.3	59.3	59.3	68.7	71.3	2					76.7	76.7	76.7
00091		30.7	47.3	55.3	59.3	56.3		71.3	2	76.0		76.0	76.7	76.7	76.7	76.7
> 14000		30.7		55.3	89.3	59.3	68.7	71.3	2			16.0	0	76.7	76.7	76.7
12000		32.7	90.0	58.0	62.0	62.0	71.3	74.0	;	78.7		78.7	79.3	79.3	79.3	79.3
		34.0	51.3	0.09			73.3					80.7	:	81.3	-	81.3
000		34.0	51.3	0.09	64.0	0.40	73.3	75.0			80.7	80.7	81.3	81.3	81.3	81.3
		35.3	-	62.7		9		79.3	0	4.		84.0	3		84.7	84.7
141		36.0	24.0	63.3	-	68.0	78.0	80.7	81.3	85.3		85.3	86.0	86.0	86.0	86.0
1		36.0	24.0	63.3	8	0.89	8	80.7	-			85.3	86.0	9	•	
2000		36.0		63.3	68.0	68.0	78.0	80.7	-	85.3	85.3	85.3	0	86.0	86.0	86.0
		36.0	24.0	63.3	00	0.80	9	80.7	:		2	65.3	0	.0	86.0	86.0
141		36.0	24.0	63.3		68.7	6	82.0	2	86.7	86.7	86.7	87.3	87.3	87.3	87.3
1		36.7	24.7	0.49											8	88.0
3000		36.7	54.7	0.49	69	69.3	0	82.7	83.3		-	87.3	88.0	88.0		88.0
1		36.7	34.7		69.3	69.3	90.0	82.7	83.3		88.7	88.7	89.3		89.3	
7 2000		38.7	57.3	67.3	72.7	72.7	83.3	86.0	86.7	91.3			92.7		92.7	92.7
		38.7	-	-		12.7	83.3	0.08	86.7	91.3	92.0	0.26	1.26		92.7	92.7
1500		40.0	58.7	69.7	74.0	•	84.7			92.7	•				•	0.46
		40.0	28.7		;	•	84.7	87.3		92.7				;	0.46	0.46
0001		40.0	58.7	68.7	74.0	74.0	84.7	87.3	8	92.7		93.3		:	0.46	0.06
		0.04	58.7			14.0	1.49	87.3	8	92.7	63.3	2.1	*	;	0.46	0.06
8		40.0	58.7	68.7	74.0	74.0	84.7	87.3	8	92.7	93.3	93.3	;		•	0.46
		40.0	58.7	68.7	74.0	0.4/	84.7	87.3	88.0	92.7	93.3			;	•	0.46
8		40.0	58.7	68.7	74.0	74.0	84.7	87.3	8	92.7	93.3	93.3	;		:	0.46
		40.0	58.7				84.7	87.3	88.0	92.7	93.3		;	0.96	•	0.06
8		40.0	58.7	69.3	74.7	74.7	85.3	88.0		0.46	1.76	4.1	5	95.3	95.3	95.3
88		0.04	58.7		74.7	14.1		88.7		7.76	95.3	95.3	96.0	96.0	0.96	0.96
		0.0	200	0.01	2.5	0.0	0.00	67.0	•	•			-	:	•	2000
80		0.0	58.7	10.0	78.9	0 10	0 0		000	000	0 6	07.0	0 8 6	98.0	96.3	000
1		200		•			•		,	•				•		2

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TOTAL NUMBER OF OBSERVATIONS

150

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

93832

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07 HOURS (1.8.7.) SEP

28

CEILING  NO CEILIN	9 11	VI 4 E E E C C C C C C C C C C C C C C C C	V	VI 04444446000000000000000000000000000000	N 64444444460000000000000000000000000000		VI 4444400000000000000000000000000000000	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VISIBILITY (STATUTE MILES)  Y 1 2 1/4	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	VI 00000	1	V 000000000000000000000000000000000000	VI 00000 0000 0000 0000 0000 0000 0000	VI 80 80 80 80 80 80 80 80 80 80 80 80 80	
		26.0	36.7	50.00	59.3 60.0 60.0 60.0				882.7 82.7 82.7 7.7	00000		93.3		w + + w o		96.7
1		26.0	37.3		0.09	63.3	77.3	82.7	82.7	89.3	0.46	0.46		•	88.3	

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

150

1

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

SEP

				PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	TAGE	ENTAGE FREQUE	UENC)	ACY OF OCCURE OBSERVATIONS)	CCUR	RENCE 3)					10	
CEILING							VISI	VISIBILITY (STATUTE MILES	ATUTE MILE	(S)						
(FEET)	D 2	o Al	S AI	AI AI	es Al	Y 2%	7	7 7	7	Ā	% AI	*	Z Al	≥ 5/16	AI	٨١
NO CEILING		25.3		30.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
00081		0.0	4.4	0.94	47.3	6.7.3	47.3	67.3	4. L. J.	47.3	67.3	47.3	67.3	47.3	47.3	47.3
1 1400		0.00		0.04	6.74	4 4 4 A	47.	4 d	8.9	47.3	47.3	6.6	48	6.74	18.0	47.3
0000		42.7	40.0	50.0	50.0	50.0		50.0				50.0	50.0			50.0
71 VI		47.3	52.0	56.0	58.0	58.0	58.0	58 8 0 0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
1				56.0	DO 00	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
1		47.3	52.0	56.0	8 3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
3000		50.0		56.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
17 17 2000		70.7	78.0	83.3	72.7	86.7	73.3	87.3	13.3	13.3	87.3	13.3	87.3	73.3	73.3	73.3
VIVI 081 081		71.3	80.7	86.7	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.1	90.7	90.7	90.7	90.7
1200		76.7	83.3	91.3	94.7	94.7	93.3	93.3	93.3	93.3	93.3	93.3		93.3	93.3	93.3
88		76.7	85.3	91.3	1.76	7.96	95.3	95.3	95.3	95.3	96.0	96.0	96.0	95.3	96.0	96.0
8 %		76.7	85.3	92.0	96.0	96.0	97.3	98.7	97.3	97.3	98.7	98.7	98.7	97.3	97.3	98.7
V V 500		77.3	86.0	93.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	00.00			00.00
380		77.3	0,0	93.3	98.0	98.0	99.3	99.3	99.3		99.3					000
8°		77.3	86.0	93.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	000	000	00.00	000

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

13 HOURS (1 S.T.)

2

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) CECIL FIELD, FLORIDA

Part	CEILING							VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
13.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3	(FEET)	2		S) Al	AI AI	1					ĀI		*	Z AI	≥ 5/16	AI N	0 11
24.7 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0	NO CEILING		13.3	5		5.	'n		5	5		15.3	3.	15.3		15.3	15.3
10000   24.7   28.0	N 20000		24.7	8		8	00	8	8	8	•	28.0	8		28.0	28.0	28.0
10000   24.7   28.0	N 18000		24.7	28.0	28.0	8	•		8	8			28.0				28.0
10000   24.7   28.0	00091 4		24.7		28.0	8	•	•	8	00		•	28.0	28.0	28.0	28.0	28.0
10000   26.0   29.3	> 14000		24.7		28.0		00		8			•	28.0	28.0	28.0	28.0	28.0
10000  28.7 32.7 32.7 32.7 32.7 32.7 32.7 32.7 32	12000		26.0	29.3	29.3		6	6	6				29.3		29.3		29.3
30.00  37.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41			28.7	32.7	32.7			2.		2.	32.7		32.7	32.7	32.7	32.7	32.7
37.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41			30.0	*	34.0		•	4		4	•	*	34.0	34.0	34.0	34.0	34.0
37.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41			36.0	0		0	0	0	0	0	0	0	ò			•	40.0
37.3         41.3 <th< td=""><td></td><td></td><td>37.3</td><td>-</td><td></td><td>-</td><td>-</td><td>:</td><td></td><td>-</td><td>•</td><td>-</td><td>41.3</td><td>41.3</td><td>41.3</td><td>41.3</td><td>41.3</td></th<>			37.3	-		-	-	:		-	•	-	41.3	41.3	41.3	41.3	41.3
37.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41	1		37.3	-				-		-		-	41.3	-		41.3	41.3
37.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41				-	41.3			:		-	•	:		41.3		41.3	41.3
37.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41	1			41.3	41.3	41.3		-					41.3	-		41.3	41.3
3500 38.7 42.7 42.7 42.7 42.7 42.7 42.7 42.7 42			37.3	-	41.3			-					41.3	41.3	41.3	41.3	41.3
3000         54.7 62.7 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0			38.7	2	42.7		2.	2		2	2	2.	5	2.	2	42.7	42.7
2500 77.0 83.3 84.7 84.7 84.7 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3			4	2	*	*	4		:	*	;	+	04.0	64.0	0.49	0.49	0.49
2000 77.3 90.0 91.3 91.3 91.3 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0				3			4.	3		5			3		2		85.3
1300 77.3 90.0 91.3 91.3 91.3 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0			77.3	0	-	-	-	2.	2	2	2	3	3		2		92.0
1300			77.3	0	61.3	-	-	2.	7	2	2.	7	92.0		92.0		92.0
1200 80.7 94.0 95.3 96.0 %6.0 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7			79.3	3		3		3			\$	3		96.0	0.96	96.0	96.0
81.3 94.7 96.0 96.7 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97			80.7			0	.0	. 9	40.7				1.96	-		97.3	97.3
81.3 94.7 95.0 95.3 96.7 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97				*		0	0	-	97.3	-		-	97,3	98.0		98.0	98.0
82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0					96.0	1.96	96.1				-	-	97.3		98.0	0.86	98.0
700       82.0       95.3       96.7       97.3       98.0       98.7       98.0       98.0       98.0       98.7       99.3       99.3       90.3			2	65.3	96.7	~	-						98.0	98.7	98.7	98.7	98.7
82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.0 98.7 99.3 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.0 98.7 99.3 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.0 98.7 99.3 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.0 98.7 99.3 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.0 98.7 99.3 90 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.7 99.3			2	3	1.96	97.3	-		8	8	8	8	0.86	98.7		98.7	98.7
300 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 300 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.0 98.7 99.3 300 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 100 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 100 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.7 99.3			2		46.7	97.3	-		98.0	8	8	98.7	98.7	99.3		99.3	99.3
400 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 40.3 98.0 98.0 98.0 98.7 99.3 40.3 98.0 98.0 98.0 98.0 98.7 99.3 40.3 97.3 98.0 98.0 98.0 98.7 99.3 40.3 97.3 98.0 98.0 98.0 98.7 99.3 40.3 97.3 98.0 98.0 98.0 98.7 99.3 98.0 98.0 98.0 98.0 98.7 99.3			2	65.3	1.96	97.3		0.86		80		66.3		0000	100.0	10000	100.0
300 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 100 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 100 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 0 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3			5	3	7.96	97.3			•	8			66.3	•		100.0	100.0
100 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 9 100 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.0 98.7 99.3 9 0 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 9			5	95.3	1.96	61.3	97.3	98.0	0.86	•	98.7	66.3	66.3	0000	100.0	100.0	100.0
0 82.0 95.3 96.7 97.3 97.3 98.0 98.0 98.0 98.7 99.3 9			3	-	1.96	87.3	97.3	0.86	0.96	98.0	98.7	66.3	88.3	0.001	0	10000	100.0
0 82.0 95.3 96.7 97.3 98.0 98.0 98.0 98.7 99.3 9			5.	95.3	1.96	97.3	97.3	0.86	0.86	98.0	98.7	66.3		0.001	10000	0.001	0001
The state of the s			5	95.3	96.7	97.3	97.3	98.0	0.86	98.0	98.7	66.3		0.00	100.0	100.0	0000

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TOTAL NUMBER OF OBSERVATIONS

150

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200

SWOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

16

3

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	٥ ٨١	N AI	4	ε Al	1 2%	N Al	YI %	YI %	- -	% Al	*	Z AI	≥ 5/16	N N	٨١
NO CEILING		14.0		17.3	17.3	17.3		17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
> 20000		38.0	44.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
		38.0		43.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
00091		38.0	0.44	49.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
		40.0	40.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	41.3	47.3	47.3	47.3	47.3	47.3
12000		40.0	46.0	47.3	48.0	0.34	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
		45.3	52.0	53.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	0.46	24.0	24.0	24.0
000		46.7	53.3	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
		48.0	55.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
200		48.7	26.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
		49.3		58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3		59.3	59.3	59.3	59.3
2000		50.0	57.3	59.3	0.09	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0000	0.09	0.09
		50.7		0.09	1.09			60.7	2.09	60.7	1.09	1.09	2009	60.7	60.7	400
900		51.3	59.3	61.3	62.0	62.0	62.0	65.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
1		34.7	63.3	65.3	1.99	66.1	1.99	1.99	1.99	1.99	1.99		1.99	66.7	66.7	1.99
3000		60.7	•	72.0	73.3	74.0	74.0	14.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
		66.7		80.7	82.0	82.7	83.3		83.3	83.3			83.3	83.3	63.3	83.3
7 2000		70.7	•	88.3	87.3	0.88	0.06	0.06	0.06	90.0	0.06	0.06	0.06	0.06	0.06	0.06
		10.1	83.3	86.0	88.0	88.7				1.06	1.06				40.1	40.1
1500		72.7	86.0	88.7	61.3	95.0	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
		74.0	88.0	1.06	93.3	0.76		1.96	1.96	46.7			1.96	96.7	46.7	96.7
0001		74.0	88.0	1.06	93.3	0.46	1.96	1.96	1.96	1.96	1.96	196	200	1096	1096	1.96
		74.7	88.7	•	0.46	94.1	97.3		61.3	61.3		:	97.3	:		97.3
00 Al		75.3	89.3	95.0	1.46	95.3	0.86	0.86	0.86	98.0	0.86	0.86	0.86	98.0	0.86	0.86
		75.3	89.3	92.0	1.46	98.3	0.86	0.86	0.86	98.0	0.86	0.86	0.86			98.0
8		75.3	89.3	92.7	95.3	0.96	66.3	66.3	8.66	66.3	66.3		86.3	86.3	66.3	99.3
		15.3	89.3	92.7	65.3	96.0	0000	100.00	00.00	0000	00.00	10.00	00.00	0000	0.001	0000
00 AI		75.3	89.3	92.7	65.3	96.01	100.00	00.00	00.00	100.00	100.00	10000	00.00	0000	100.0	0000
		75.3	89.3	92.7	68.3	96.0	0	0	00.00	0000	00.00	10.00	00.00		100.0	0.001
200		75.3	89.3	92.7	65.3	96.0	100.00	100.00	00.00	100.00	100.00	00.00	00.00	0000	100.00	0.001
81		. 6	89.3	92.7	65.3	96.0	10.001	10.001	0000	0000	0	10.00	0	0.00	0	0.001
0		75.3	89.3	92.7	95.3	96.01	00.00	00.00	00.00	00.00	00.00	00.00	00.00	0000	0000	00.00

TOTAL NUMBER OF OBSERVATIONS

150

2000

**CEILING VERSUS VISIBILITY** 

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

FLORIDA CECIL FIELD,

93832

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19

SEP

75.3 0.06 98.0 87.3 0.06 58.7 74.7 100.0010.0010.0010.0010.0010.001 99.3100.0100.0100.0100.0100.0100.0100.0 99.3100.0100.0100.0100.0100.0100.0100.00 0.0010.0010.0010.0010.0010.0010.0010.66 99.3100.0100.0100.0100.0100.0100.00 76. ٨١ 87.3 75.3 0.46 97.3 0.86 75.3 92.0 0.86 59.3 62.0 73.3 81.3 0.06 97.3 97.3 0.86 58.7 0.06 65.3 74.7 76.7 58.7 58.7 64.7 A 15.3 0.06 87.3 0.06 92.0 0.76 62.0 98.0 98.0 8.66 59.3 73.3 73.3 74.7 75.3 81.3 98.0 58.7 65.3 97.3 64.7 58.7 16.7 2 5/16 62.0 65.3 75.3 87.3 90.0 0.46 97.3 61.3 98.0 0.86 98.0 75.3 81.3 0.06 92.0 59.3 99.3 99.3 73.3 73.3 58.7 74.7 16.7 64.7 70.7 58.7 Al 0.86 0.06 97.3 0.06 97.3 0.86 62.0 98.0 65.3 73,3 74.7 0.76 58.7 15.3 75.3 81.3 87.3 92.0 7007 73.3 76.7 64.7 58.7 AI 0.86 87.3 61.3 62.0 75.3 0.06 0.06 0.86 0.86 66.3 65.3 90.0 97.3 75.3 81.3 92.0 92.0 0.46 0.46 0.46 58.7 73.3 74.7 58.7 73.3 64. % Al 0.06 97.3 62.0 73.3 87.3 87.3 59.3 73.3 74.7 75.3 75.3 97.3 97.3 75.3 81.3 97.3 97.3 65.3 70.7 76.7 58.7 64.7 98.7 AI VISIBILITY (STATUTE MILES) 75.3 73.3 0.06 92.0 97.3 97.3 62.0 97.3 59.3 65.3 0.86 58.7 81.3 0.06 97.3 73.3 74.7 97.3 7.86 64.7 76.7 70.7 0.06 0.46 62.0 92.0 97.3 97.3 67.3 87.3 0.06 97.3 0.86 75.3 58.7 59.3 65.3 73.3 74.7 75.3 81.3 97.3 1.86 73.3 64.1 70.7 7 7 0.96 59.3 73.3 0.96 0.96 75.3 63.3 0.96 58.7 0.96 64.7 13.3 97.3 62.0 80.7 89.3 91.3 97.3 97.3 31.3 58.7 58.7 7007 74.7 75.3 86.7 89.3 6.16 97.3 65.3 76.7 7.96 7 57.3 93.3 57.3 72.0 74.0 93.3 72.0 14.0 19.3 87.3 58.0 0.49 73.3 15.3 88.7 92.7 50.7 63.3 66.3 92.7 92.7 1.49 87.3 90. 92. 1 2% 57.3 63.3 72.0 74.0 79.3 92.0 92.0 0.49 75.3 92.0 95.0 57.3 58.0 69.3 74.0 87.3 88.7 95.0 92.7 60.7 72.0 73.3 87.3 84.7 1.06 92.7 92.7 92.7 W VI 57.3 54.0 67.3 69.3 82.0 54.0 56.7 60.0 27.3 54.0 67.3 68.7 65.3 69.3 74.7 84.7 84.7 61.3 65.3 76.0 80.7 83.3 66.0 79.3 84.7 80.0 85.3 80.0 85.3 80.0 85.3 76.0 80.7 8 79.3 84.7 ٨١ 26.0 52.0 54.0 79.3 80.0 51.3 65.3 19.3 80.0 51.3 51.3 57.3 63.3 14.7 63.3 70.7 65.3 77.3 66.0 79.3 64.7 78.7 66.7 N Al 26.0 84.0 56.0 0.09 0.49 0.99 0.99 48.0 56.0 0.49 0.49 65.3 57.3 0.99 50.7 54.7 54.7 AI 2 Al NO CEILING (FEET) VI VI 0003 0003 V 1 V 2000 88 80

150

TOTAL NUMBER OF OBSERVATIONS

¥ 20000

AI AI

9 9

AI AI

AI AI

3000

AI AI

ALAI

120

AI AI

9 6 6

ALAI

88

ALA

88

ALAI

AI AI

88

AI AI

AI AI

SMOS

100

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1.5.7.) SEP

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(53						
(FEET)	2	٥ ٨١	\$ 41	4	8	≥ 2%	~ Al	×1 ×	VI 2/2	-	% Al	*	Z AI	≥ 5/16	VI Z	0 1
NO CEILING		36.7	42.0	62.0	63.3	6.69	50.0	500.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
V 18000		48.7		2	63.3	. 3	3		3		5	2	1			
≥ 16000		48.7	24.7	65.0	63.3	0.49	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	2	65.3
		48.7	24.1	*	63.3	;	1.599		65.3	65.3	65.3		65.3	65.3		65.3
≥ 12000		49.3	26.0	0.40	65.3	0.99	2.99	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
-		24.0	60.7	6	71.3	•	72.7		73.3	73.3	•		73.3	73.3	73.3	73.3
0006		24.0	2.09	69.3	71.3	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
		0.09	2009	0.97	78.0	6.61	0			80.7	0					80.7
7000			68.0	77.3	79.3	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
		61.3	0.89	17.3	19.3	100	81.3		82.0	82.0	2.	0.28		82.0	62.0	82.0
2000		61.3	68.0	77.3	19.3	80.7	81.3	82.0	82.0	82.0	82.0	82.0				82.0
1		61.3	0.89	17.3	19.3	1.00	-		2	82.0		7	82.0	82.0	82.0	82.0
141		61.3	0.89	77.3	19.3	80.7	81.3		82.0		82.0		2.		00	82.0
		61.3	68.0	17.3	29.3	80.1	81.3	2		82.0	N	82.0	82.0	•	82.0	82.0
3000		62.7	69.3	78.7	80.7	82.0					83.3		83.3	83.3		83.3
1		65.3	72.0	0.29	84.0	85.3	96.0	86.7	86.7	86.7						86.7
7 2000		67.3	74.7	84.7	86.7	0.88	88.7	89.3	89.3	89.3	89.3		89.3	89.3	89.3	89.3
		67.3	74.7		86.7	8.	88.7		89.3				89.3			
> 1500		69.3	77.3	88.7	2006	95.0	25.7	93.3	93.3	93.3	93.3		93.3	3.	93.3	
		69.3		1.06	63.3	*	95.3	0	0.96	0.96	0.96	0.96	0.96	-		
1000		69.3	19.3	91.3	0.46	98.3	0.96	46.7	96.7	1.96	1.96	196.1	1096	96.7	96.7	96.7
		69.3	19.3	6116	0.56	95.3	0.96		1.96	1.96	1.96		96.7	96.7	26.7	
0 AI		69.3	79.3	91.3	0.46	95.3	0.96	1.96	1.96	1.96	1.96	1.96	96.7	96.7	1.96	1.96
		10.0	90.0	0.26	1.56	0.96	1.96		97.3	97.3	-		61.3	97.3	97.3	97.3
8		10.0	80.7	92.7	65.3	1.96	97.3	0.86	98.0	98.0	98.0	98.0	0.86	98.0	98.0	0.86
		70.0	80.7	45.7	6.56	1.96	61.3	0.86	0.86	98.7	1.86		98.7	98.7	98.7	98.7
8		70.0	80.7	92.7	1.96	0.86	7.86	66.3	99.3	00001	100.0	100.0	100.00	100.0	100.0	0.001
300		10.0	80.7	92.7	1.96	00			99.3	0	•		•	0		0.001
		10.0	30.1	1.26	1.06	78.0		6.46	99.3	0	00.00	100.001	0.001	0	•	
8		0.0	80.7		1.96	•		99.3	99.3	0	0.	.00	0		•	000
1		0.0	000	15.1	1006	0.84	18.	37.3	77.3	0000	0000	0000	0.001	100.0	0.001	0000

TOTAL NUMBER OF OBSERVATIONS

0

0

0889

1200

#### SEP

CEILING VERSUS VISIBILITY

2

ALL HOURS (1 S T.

PERCENTA (FRC

YEARS	NCE	
	CURRE	(SNO)
	90	RVAT
	NCY	OBSE
	AGE FREQUENCY OF OCCURRENCE	OM HOURLY OBSERVATIONS)
	AGE	WO

73-77

CEILING							VIS	IBILITY (SI	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	VI 5	۸I	\$ 41	4	8 1	1 2%	7	۷۱ ۲۲	VI VI	- A1	% AI	*	Z Al	≥ 5/16	AI N	AI
NO CEILING		5	30.7			. 9	6	0	0	-	2.	2.		42.	2.	-
> 20000		37.1	44.1	48.5	51.6	51.9	55.2	56.0	56.1	57.3	57.7		87.8	57.	8 58.0	58.
V 18000		-			•		5	9	9	57.3						_
16000		37.1	44.1	48.5	51.6	-		9		57.3		1	57.8	-	8 58.0	5
> 14000		37.4		00			3		9	1.	8	8			58.	S
12000		38.3			53.4		-	57.8	-	59.1		59.5	59.7	.65		
		8.04			0		0	-	-	2.		2.			63.	0
0006		41.3			57.3		0			63.3				3.	64.	99
		44.9		6	2		0	-	-	6	6			6	69	20
7000		45.5		60.3	63.8	64.3	67.8	8.89	8	70.3	70.8		70.9	0	9 71.2	71.
		45.6		0	3		7.		6	ò	0			-	-	71
2000		46.1					8		69.5	70.9	-		71.5	:	71.	_
				-	*		8.	6		-	-		-	-	11.	72
904		46.4			3		6	0	0	-	72.3		2	2	72.	-
		47.3		2.			0	-	-	2.	3.		3	3.	73.	73
3000					-		5		9		8			8	79.	20
		55.7		-	-		-	3	3	3	2		3	5	85.	85
7 2000		59.1	10.6	77.6	82.2	82.8	86.8	8	88.1	89.7	0	90.3	4.06		4 90.7	90.
		59.5					-	8	8	6	0		0		-06	90
1500				80.1	*		.6	0	0	2			3	3	93.	
				-			-		2					. 4	95.	-
0001		61.8		81.8			-	3	93.2	8.96	3		3	2		
		6119	74.5	•		87.5	-		3	3	3		3	3.	95.	-
8		62.1			87.2		2		93.8	3	0		;	. 9		-
		55.5		2.		88.1	2.			3	0		0	9	96	-
8		62.2		2	7.	88.4	3.		94.5		;		7	:	97.	
		65.3		85.8	-						-				98.	-
9		65.3		~	88.3	89.0	63.6	13	5		0.86	98.0	98.3		3 98.6	98.
		65.3		83.0	00		*		2		80				98.	-
30		62.3	75.3				. 4	2	95.6	8.26	98.7	98.7	99.1	99.1	66	0
8		65.3	75.3		88.4	2.68	1.46		93.6	8.46	98.8		66.3		3 99.8	100
0			75.3	83.1		89.5		95.8	92.6	91.8	98.8	98.8	86.3	66		01

0

0

0.0

0 0

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

HOURS (LS.T.) DCT

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PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)
RCENTA	(FRO

	0	1.0		8.1	8.1	8.7	.3	6.1	5.5	7.7		7.7	1.1	0.0	0.3	5.9	. 8	1.9	7:	9.9	4.	4.	4.	4.6	4.	* .	4.6	**	0.0	0.0	0	0
	A1	3 7	4	7	7		7 8		80	.8	8	8	2	4	0	0	0	200	-	1 96	-	0	8	7	6 6	7	6	7	100	7100	01	700
	VI %	70.		77.		78.		81.	85.	87.	87.	87.	87.		5	92.	3	95.	95.		96		96	98	0	98	98.	98	98.	98	6	98
	5/16	7.4		4.7	•	8.1	0.7	-	2.8	7.1		7:1				2.3				1.96					8.1	8.7	8.7	8.7	8.7	8.7	8.7	8.7
	AI -	.37		4	4 7	-	1	3		-	_	-	-	4	-	8	2	8	2	1.	00	œ	80		-	-	6	.7	6	2	~ 1	~
	VI %	10		77.		78	80	81.	85.	87.	87	87	87	88	68	95	36	95	95	9		0		8	8	98.	0		86	20	2	
	*	76.1	9	76.1						82.8																			96.8	96.8	•	0
	% Al	0.69	0	76.1			6	0	*	85.8	5	2	3	-	8	-	2		*	*		1				•	9	8.96		90.96		0
	- AI	0.69	3		15.5			6	3	85.2	3	3	5	•	-	0	2.		3	2.46	4	3	8.76	1.96		1.96	1.96			1.96	;	
VISIBILITY (STATUTE MILES)	¥1 %	12.0	5.9			3.6	-	8.9	1.3	5.6	5.6	5.6	2.6	3.9	5.2	7.7	4.4	1.0	1.0	9116	2.3	2.3	2.3	3.6	3.6	3.6	3.6	3.6	•	3.6	•	3.6
IY (STAT	71	-10	0		5.9	•	-	8	.3	0.	9.	9.	9.	•	où.			0	0	9.		m	Γ_	9.	0.	•	9.	4	_	9	3.0	•
/ISIBILI	AI	30	-	3 72	-	-	-	1 76	7 81	@	20	8 82	20	2 83	00	5 87	20	0	0	7	6		6	0	6		-		0	0	9	0
	AI	66.	3 .			72.	3	.9	0	-	-	-	-	3	. 5	.0	8		6	89.	0	0		-		-		-	-	•.	-	-
	≥ 2%	63.2	60	00	4.89	6	-	72.3	•	00	00	78.1	00	8	0		11)	*	4	85.2		2	85.8		87.1	87.1	87.1	87.1	87.1	87.1		87.1
	e Al	63.2	8	68.4	8	6	-	2.	9	78.1		18.1	8	8	0	-	3	*	*	5		5	3	87.1	87.1	87.1	87.1	87.1	87.1	87.1		87.1
	4	58.7	1	10	103			7		72.9		2	72.9	3	*		100	78.7	78.7	19.4	70.61	19.4	4.61	80.0	0.08	80.0	0.08		0	0	80.0	0
	S AI	52.3								65.8																				72.9	12.9	•
	o Al	80.0	0.64	49.0	0.64	6	9119	52.3	56.1	57.4	57.4	57.4	57.4	58.1	29.4	0.09	61.3	61.9	61.9	9.29	9.29	9.29	9.29	63.2	63.2	63.2						63.2
	2																															
CEILING		NO CEILING		14000	14000	12000	1 -	000		7000		2000		8		300		300	1	28		9		8		8		8		200	8	0
		ž	1					-41	_		_								L"											"	-"	

TOTAL NUMBER OF OBSERVATIONS

155

DRAG

SOWS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

0.4 400 seron

280

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Įų.	
PERCENTAGE FREQUENCY OF OCCURRENC	(FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	71	9 Al	\$ 1	AI AI	e Al	≥ 2%	7	¥1 ¥1	VI VI	Ā	× AI	* 1	Z AI	≥ 5/16	N NI	O AI
NO CEILING		43.2	10		58.7		7.69	* 0	64.5	67.7	4.89	4.89	10.3	70.3		
3007		5.50	-		:	5	:			•	7	. 7	•	•	200	100
V 18000		44.5		20.00	61.7	5	1.19	4.00		72.3	12.7	(2.)	•	•	13.5	1001
≥ 16000		44.5	-		61.9	•				•	72.9	12.9	•	74.8	75.5	76.1
> 14000		44.5	51.0	56.8	61.9		1.	4.89		72.3	72.9	12.9	14.8		75.5	76.1
12000		48.2		57.4		63.2		0.69	0.69		74.2	74.2	76.1	76.1		77.4
		45.8		58.7	3		70.3		11.6	78.5		-	6	6	80.7	81.3
900		45.8	52.9	58.7		65.2	71.0	72.3	72.3	76.1	78.1	78.1	80.0	80.0	81.3	61.9
1		47.7		61.9	67.7	4.89	74.8	76.1		0	31.9	81.9	83.9	83.9		85.8
141		47.7		6.19	67.7	8		76.1	76.1	80.0	=	61.9	83.9		85.2	85.8
1		47.7			67.7	4.89		76.1		0		81.9	83.9	83.9	85.2	85.8
9006		47.7		61.9	67.7	4.89	74.8	76.1	76.1	80.0	:	81.9		83.9		85.8
		47.7		6.19	67.7	4.80				0		-	83.9	83.9	2	
1 1		48.4	56.1	62.6	4.89	0.69	75.5	76.8	76.8	80.7	82.6	82.6	84.5	84.5	85.8	86.5
		0.64						77.4	4.1		3	3		85.2	0	87.1
3000		51.0	58.7	68.2	71.0	71.6	78.1	19.4	4.64	83.2	3	85.2	87.1	87.1		
1		51.0							80.7	84.5			8	88.4	6	90.3
2000		52.3		67.7	73.6	74.2		82.6	82.6		88.4		600	90.3	91.6	92.3
		52.3	-		13.6	74.2	80.7	82.6	2.	86.5		8		0	91.	
1300		3	61.3	4.89			81.3			87.1	89.0	89.0	91.0	91.0		95.9
		52.9		0.69		78.5	81.9		63.9	8	90.3		~		93.	
0001		53.6		1.69	75.5	76.1	82.6	84.5		89.0	91.0	-	7			94.8
		53.6		1.69	75.5	1.91			84.5		91.0		2.	92.9		
8		53.6	9.29	71.0	16.8	77.4	83.9	85.8	3	80.3		2	94.2	94.2		
		53.6		0.17	16.8	17.4	63.9	85.8	85.8	8.06		92.3		94.2		96.1
8		24.5		71.6	77.4	78.1	84.5	86.5	86.5	91.0		2		94.8		96.8
		54.5			77.4	1.87	84.5	86.5	86.5	91.0		2.	8.76		96.1	
9		54.8	63.6	72.3	78.1	78.7	85.2	87.1	-	91.6	93.6		95.5	95.5	;	97.4
		24.8		72.3	1.87		85.2	87.1		92.3	34.5		1.96	96.1	98.1	98.7
> 200		54.8	63.9	72.3	78.1	78.7	85.2	87.7	87.7	-	_	94.8	4.16	97.4	4.66	
81		54.8	63.9	72.3	78.1	78.7	85.2	87.7	87.7	92.9	_	94.8	97.4	97.4	4.66	0.001
		24.8		72.3	78.1	18.1	:	87.7	67.7	92.9	94.8	94.8	4.16	97.4	4.66	0000

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

0 0 0 0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

07 HOURS (1 5.7.)

186

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
	۵ ۵	٨١	۶۰ ۸۱	4	AI	2 2%	7	۷۱ ۶۲	¥1 ×1	Ā	% Al	*	Z AI	≥ 5/16	× Al	٨١
NO CEILING		27.1	38.7		44.5	2		\$0.3	-			8	0	60.7	61.3	6119
> 20000		28.4		44.5	48.4	6	*	54.8	56.1	63.9	3	63.9			67.1	67.1
		28.4	•	44.5		6		34.8		63.9	5	63.9	60.5		67.1	67.1
N 14000		28.4	41.3	44.3	48.4		53.6	54.8	26.1	63.9	63.9			66.3	67.1	67.1
		28.4	41.3	•	48.4	0	53.6			63.9	63.9		60.5	66.5	67.1	67.1
> 12000		29.7	45.0	45.8	50.3	51.0		56.8	58.1	66.5		•	0.69	0.69	69.7	69.7
-		31.0		47.1	2	2.			0	0.69	0.69			72.9		74.2
0006		31.6	44.5	47.7	52.9	53.6	58.1	59.4	2.09	70.3		0	74.2		75.5	75.5
		32.9	47.1	0	55.5	1.95			63.2	2		2	•	76.8	8	78.1
141		33.6	48.4	52.3	37.4	58.1		63.0	5	74.8			78.7	78.7		80.0
		33.6	48.4	52.3			2.			74.8		14.8	78.7		0	80.0
0000		33.6	48.4	52.3	57.4	58.1	9.29	63.6	65.2	74.8	74.8	74.8	78.7	78.7	0	80.0
		34.2		2.	58.1					75.5	75.5	5	6	19.4	0	80.7
000		34.5	0.65	55.9	58.1	58.7	2.69	64.5	65.8	76.1		76.1		80.0	81.3	81.3
		35.5			0	1.09			67.7	78.1	80		6118		83.2	83.2
3000		38.7		58.1				0	71.6	81.9	81.9	:	85.8	85.8	-	87.1
		38.7	•		2	0		2	73.6	83.9	83.9	3	87.7	87.7	89.0	
7 2000		38.7	23.0	58.7	65.8	66.3	71.6		74.2	84.5	84.5		88.4	88.4		89.7
		38.7		58.7	65.8	66.5		72.9		84.5		4		8.	89.7	
2 1500		40.0		0.09	67.1	67.7	12.9	_	75.5	83.8	85.8	-	89.7	89.7	91.0	91.0
		40.1		1.09	8		9.5	76.1	77.4	87.7			91.6	91.6	2.	
1000		40.1	55.5	2.09	4.89	0.69	74.8	76.1	4.1.	87.7	87.7	87.7	91.6	91.6	92.9	65.6
		40.1		1.09	4.89	0.69	14.8	76.1	77.4	87.7			91.6	91.6		
08 AI		40.1		-	69.7		76.1	77.4	78.7	89.0	89.7	89.7	93.6	93.6	8.46	8.46
		41.3	37.4		70.3		16.8		4.61	89.7	90.3	0	2.46	*	95.5	95.5
8		41.3		95.0	10.3	71.0	77.4	78.7	80.0	800	91.0	:		8.46	;	1.96
		41.3	57.4	2.			78.1	79.4	80.7	91.0	:		2		•	96.8
1400		41.3	37.4	95.0	71.0	71.6	78.7	80.0		92.3	92.9	5	90.8	8.96	98.1	98.1
		611.3	57.4		71.0	11.0	78.7	80.0	81.3	95.9		3.				
700		41.3	57.4		71.0	71.6	78.7		81.3	93.6	34.5	94.2	98.1	98.1		4.66
901 71		41.3	57.4	9.29	•	11.0	78.7	0	61.3			:	1.86			4.66
0		41.3	57.4		11.0	71.6	78.7	80.0	81.3	93.6	94.2	84.2	98.1	98.1	99.4	0.00

TOTAL NUMBER OF OBSERVATIONS

155

0

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0

93832 STATION

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

3-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 IOURS (L S T.)

DCT HONTH

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES						
(FEET)	VI 5	9 11	S AI	4	e vi	× 2%	2 4	VI 22	¥1 YI	Ā	X Al	*	% Al	2 5/16	AI	o Al
NO CEILING		52.3	57.4		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
1 20000		58.7		66.5	67.1			67.1	67.1		67.1	0/0	1.0	67.1		67.1
N 18000		200	65.2		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	1.10	67.1	67.1	67.1
		58.7		64.5	67.1	67.1		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
> 14000		58.7		66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1		67.1	67.1	67.1
> 12000		59.4	65.	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
		1.00				0.69	0.69		•	0.69	0.69	0.69	6	0.69	0.69	0.69
0006		61.3		0.69	69.7	69.7	69.7	69.7	2.69	69.7	69.7	69.7	69.7	69.7	1.69	69.7
		63.2		•	73.6	13.6	73.6	73.0	73.6	73.6		/3.	73.6	73.6		73.6
7000		63.2		72.9	73.6	13.6	73.6	73.6	73.6	73.6	73.6	1	73.6	73.6		73.6
		63.2	1	72.9		•	13.6					73.		73.6	73.	73.6
2000		63.2	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
		63.2		72.9	73.6	13.6		73.6	73.6	73.6	13.6	-		73.6	73.	73.6
141		63.2	72.3	74.2	74.8		74.8	74.8		74.8		74.	74.8	74.8	74.8	74.8
1		65.2	74.2	76.1	76.8	16.8	76.8	76.8	76.8	76.8	76.8	76.8	16.8	76.8	-	76.8
3000		67.1	77.4	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3		81.3	81.	81.3
		69.7		84.5	85.8		86.5	86.5			•	20			;	80.8
7000		72.3	83.9	87.1		88.4	0.68	89.0		89.0		89.0		89.0	80	89.0
1		72.9	84.5	87.7	0.68	0.68	1.68	89.7	89.7	89.7	89.7	89.7	89.7	89.7		89.7
> 1500		76.1	87.7	91.0	92.3	92.3	65.6	92.9	92.9	6.26	92.9	92.9	92.9	92.9	92.9	6.26
		76.8	89.7	•			95.5		95.5	2253	95.5				95.5	
× 1000		78.1	91.6	•		98.1	98.7	98.7	8	98.7		98.7		98.7	98.7	98.7
		78.1	91.6	. 9	98.1		98.7	98.7								98.7
00 AI		78.1	9116	96.8	98.1	98.1		98.7	98.7	98.7		98.7	98.7	98.7	1 98.7	48.7
		78.1	91.6	96.8			7.86	98.7		98.7						48.7
8		78.1	91.6			98.1	1.86	98.7	98.7	98.7		98.7	98.7		98.7	98.7
		78.1			98.1	1.86	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
7 400		78.1	91.6	8.96				100.0	100.00	100.00	100.0	100.0		0	2	0000
		78.1		. 0	186		4.66	00.00	100.0	0.001	•	100		100.0	100	0.00
7 200		78.1	91.6	8.96	98.7	98.7		0.001	100.00	100.0	100.0	100.0	100.0	100.0	100.0	0.00
81		78.1	91.6				7.66	0.001	100.00	0.001	100.0	•	0	100.0	100	0.00
o Al		78.1	91.6	96.8	98.7	98.7	4.66	100.0	100.001	100.0	100.0	100.0	100.0	1000	10000	0000

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

13 HOURS (1.5.T.) 10CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	•	3.5	0.5	0.3	0.3	0.3	9.1	2.	1.2	3.5	5.5	2.5	6.1	6.1	6.1	4.6	9.1	7:	9.1	9	8.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	٨١	5 4	0	2	3	30	9	-	2 3	3	20	2	5	2	3		7	30	0		ō	66 1	2	O TO	900	2	000	0010	2	2	010	2	010
	AI 2	43.	0	20	0		51.6		:	55.	55.	55.	56.	56.	56.	59.	71.6	87.	91.6	91.6	98.	99.	100.0		100		001	•	100			0	001
	≥ 5/16	43.2		20.3	20.3	50.3	51.6	*	54.2	55.5	55.5	55.5	56.1	56.1	56.1	29.4	71.6		91.6		98.1	4.66	0.00		0.00	0.00	0.00		0.00	0.00	0		0000
	% Al	2.	•	•			9116	4.2	.2	55.5	55.5	55.5	36.1	1.06	56.1	59.4	71.6	-:	91.6	9.1	7.	*	00.00	0	0	0	9	0	00.00	0	0	0.0	00.00
	*		•	ċ	50.3		21.6	24.5	24.5	55.5	55.5	55.5	56.1				71.6	87.1	-	9116			00.00	00.00	00.00	00.00	00.00	0	00.00	0	•	•	00.00
	* Al			0	50.3	•	21.6	•	24.5	55.5	55.5		56.1	56.1	56.1	39.4	71.6	87.1	91.6	91.6	98.1	4.66	100.00		00.00	0	00.00	0	00.00	0		0	00.00
(5)	<u></u>	43.2	20.3	50.3	50.3	50.3	51.6	54.5	54.5	55.5	55.5	55.5	56.1	56.1	56.1	6	71.6	-	:	91.6	98.1	4.66	0000		00.00	0000	00.00	0000	00.00		0	ċ	00.00
VISIBILITY (STATUTE MILES)	7 1	43.2	•	20.3	50.3	50.3	51.6	24.5	54.2	55.5	55.5	55.5	56.1	56.1	56.1	59.4	71.6	87.1	91.6	91.6	98.1	4.66	00.00	0.00	00.00	00.00	00.00	0.00	00.00	00.00			00.00
BILITY (ST.	×1 ×	43.2	•	20.3	50.3	50.3	51.6	54.2	54.5	55.5	55.5		56.1		56.1	6	71.6	87.1	91.6	91.6	98.1	4.66	100.00	00.00	100.00		100.00		100.00		0		00.00
VIS	7	43.2		20.3		50.3	51.6		54.2	55.5	55.5	55.5	56.1		56.1	59.4		87.1	91.6	91.6	98.1	4.66			4.66		4.66	7.66	4.66	4.66	4.66		4.66
	≥ 2%	43.2		20.3	50.3	50.3	51.6	24.2	24.5	55.5	55.5	55.5	56.1	56.1	56.1	6		87.1	91.6	91.6	97.4	7.86	98.7		98.7		98.7		98.7		98.7	1.86	98.7
	e Al		•	50.3	20.3	50.3	51.6	54.2	54.2	55.5	55.5	55.5	56.1	56.1	56.1	59.4	71.0	87.1	91.6		97.4	98.7	98.7	98.7	98.7	98.7	98.7		98.7	98.7	98.7	1.86	1.86
	<b>A</b> I	43.2	0		50.3	50.3	51.6	54.2	54.2	55.5	55.5	55.5	56.1	56.1	56.1	6	71.6	87.1	-	91.6	-		98.1	98.1	98.1	1.86	98.1		98.1		98.1	1 . 86	98.1
	8	42.6	•		49.7	49.7	51.0		53.6			54.8	35.5	55.5	55.5		71.0	85.8	90.3	90.3		94.8	8.46	94.8			94.8		94.8		94.8		94.8
	<b>9</b>	45.6		4.64	49.7	49.7	51.0	53.6	53.6	54.8	54.8	54.8	55.5	55.5	55.5	58.7	70.3	83.9	88.4	88.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
	5 4																																
CEILING	(FEET)	NO CEILING	7 20000		N 16000		12000	1 ~	0006		7000	1	900		900	1	3000		7000		1500		1000		8		8		40		700	8 4	٥ ٨١

0

0

TOTAL NUMBER OF OBSERVATIONS

155

0 E 8

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

UCT HONTH

0

0

0

TOTAL NUMBER OF OBSERVATIONS

155

0

DIRNAVOCEANMET SMOS

93832

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

19 HOURS (1 S.T.)

88

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

UCT.

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	(53						
(FEET)	V V	۰ ۸۱	S AI	4	E AI	> 2%	N N	Y1 %1	¥1 ×1	-	× AI	*	% Al	5 5/16	% AI	0 41
NO CEILING			58.7	\$9.4	.6	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000		65.2	70.3	-	71.0	71.0	71.0	71.0	71.0	221 3	71.0	71.0	71.0	-	71.0	71.0
N 18000			70.3	71.0	71.0	71.0	•	71.0	•	71.0		71.0	71.0	71.0		71.0
N 16000		65.2	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
× 14000		65.2	11.0	71.6	•	11.6	•	71.6	•			-			71.6	71.6
2 12000			72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
			100/	76.8				76.8		76.8		•	76.8		76.8	76.8
0006		0.69		76.8	76.8	76.8	76.8	76.8	76.8	•	76.8	76.8	76.8	76.8	76.8	76.8
		74.8	2.	83.9	3	83.9	3		•			83.9	83.9			83.9
141		76.1		85.2		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1		76.1		85.2	5		3		•			3	85.2	2	3	85.2
2000		76.8	84.5	85.8	85.8	5	85.8	85.8	3	85.8	85.8	85.8	85.8	85.8	85.8	85.8
		17.4	3	86.5	9	86.5				. 9	86.5		86.5	.0		86.5
141		77.4	3	86.5	86.5		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1		78.1	~	-		-	-			-	-	87.1	87.1	-		
3000		80.0	-	89.0	89.0	89.0	0.68	89.0	89.0	89.0	89.0		89.0	89.0	89.0	89.0
1		81.3	6	91.0	91.0	91.0	•	0.16		91.0			:	•	:	91.0
7 2000		83.2	=	3	5	5	6.26	2	_	6.76	92.9	92.9	92.9	92.9	65.6	92.9
		83.2	:	95.9	95.9		6.76	65.6				65.6	2.	•	92.9	92.9
V 1500		83.2	:		93.6	3		93.6			93.6	93.6	93.6	93.6	93.6	93.6
		84.5	92.3			65.5	95.5	62.5	95.5	95.5		95.5	95.5	95.5	95.5	95.5
V 1000		84.5	5	94.2	95.5	3	1.96	96.1		96.1	96.1	106	1.96	-	96.1	96.1
		94.5	7	2.76			1.	4.76	-		4.16	4.16	4.16		97.4	97.4
00 Al		84.5	5	2.46				98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
				2.46		9	1.86		8		1.86	98.7	98.7	98.7	48.7	98.7
99		85.2	•	8. 76	96.8	96.8	1.86	98.1	48.7	4.66	4.66		4.66	4.66	4.66	4.66
		85.2	6.26	62.5	4.16	41.4	4.66	7.66	4.66	ċ	0.001	0.00	0.001	0	0.001	00.0
8		85.2	5	95.5	4.16	97.4	4.66	4.66	14.66	0000	0.001	00.00	100.0	100.0	100.001	00.00
		85.2	2	65.5	4.16	37.4	4.66	\$ . 66	4.66	0.00	0.001	0.001	0.001	0	100.00	0000
1 200		85.5	6.26	95.5	4.76	4.16	4.66	4.66	14.66	0000	0.001	0000	0000		10000	0000
901			6.76	69.5	4.16	47.4	4.66	4.66	4.66	0.00	0.001	00.0		100.0	100.001	0000
0 1		85.2	65.6	95.5	4.16	97.4	4.66	4.66	99.41	0000	00.00	00.00	0.001	100.0	0.001	0000

0

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

8

OCT.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$3)						
(FEET)	2	AI	S)	AI	e Al	1 2%	Al	VI %	7	- AI	% Al	*	Z Al	≥ 5/16	N N	0
NO CEILING		49.7		67.1	70.3	71.0	71.6	71.6	11.6	71.6	11.6	71.6	71.6	71.6	71.6	71.6
× 20000		55.5		73.6	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1		78.1	78.1	78.1
		55.5		73.6	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
16000		55.5		73.6	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
		55.5		73.6	76.8	17.4	78.1	78.1	78.1	78.1	78.1	78.1	18.1	78.1	78.1	78.1
12000		56.1		75.5	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
		56.8	1	78.1	61.3	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
000		57.4	72.9	78.7	81.9	83.2	83.9	83.9	•	83.9	83.9	83.9	83.9		83.9	83.9
		60.7		82.6	85.8	87.1	38.4	88.4		88.4			88.4		88.4	88.4
700		61.3		83.2	86.5	87.7	0.68	89.0	89.0	89.0	0.68	89.0	89.0	89.0	89.0	89.0
		61.9		84.5	87.7	89.0		6.06		8003	6.06		6.06	90.3	90.3	6.06
2000		62.6		85.2	88.4	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1		9.29		85.2	88.4	89.7		0.16		91.0	91.0	-	-	91.0	91.0	91.0
400		62.6		85.2	88.4	89.7	91.0	91.0	91.0	91.0	91.0	-	91.0	91.0	91.0	91.0
		62.6		85.2	88.4	6	-	:		-	-	-	-	:	91.0	
3000		64.5		87.1	80.3	91.6	65.6	2	6.26	65.6		6.26		2	92.9	95.9
		65.8			6.26	•	*			8.76	94.8		8.96	8 . 56	8 . 46	8.76
7 2000		66.5		89.7	93.6		1.96	1.96	96.1	1.96	1.96	1.96	1.96	96.1	1.96	96.1
		999	83.	6	6	94.8		1.96	1.96		1.96	1.96	96.1	96.1	96.1	1.96
1300		67.1		90.3	94.8	96.1	97.4	4.16	4.76	97.4	97.4	97.4	97.4	97.4	4.16	4.16
		67.1		91.0	95.5	96.8	1.86		98.7		7.86		7.86	98.7	48.7	
90		67.7	84.5	91.6	1.96	97.4	98.7	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
		67.7		91.6	0	4. 6	98.7	4.66	4.66		4.66				4.66	4.66
8		67.7	84.5	91.6	96.1	97.4	1.86	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
		67.7		-	1.96	4.78			4.66	6	7.66	6	4.66		4.66	4.66
8		67.7	84.5	91.6	96.1	97.4	4.66	100.00	•	00.00	00.00	100.001	100.00	100.00	•	0000
		67.7	84.5		1.96	4.16	4.66	0.001	0.001	0000	0.00		10.001		10.001	0.00
8		67.7	34.5	91.6	96.1	97.4	4.66	0	100.00		00.00	:	100.00	•	100.001	00.00
		67.7	84.5	916	1.96	41.4	7.66	00.001	10.001	0.001	0000	100.0	00.001	•		0000
7 200		67.7	84.5	91.6	96.1	97.4	4.66	100.00	100.00	00.00	00.0	100.0	•	•	100.00	00.00
81 4		67.7	84.5	•		4.76	4.66	100.00	0		00.00		00.00	00.00	00.00	0000
0 4		67.7	84.5	91.6	96.1	97.4	90.4	100.00	00.001	0000	00.00	100.0	0.00	00.0	100.00	00.00

TOTAL NUMBER OF OBSERVATIONS

155

0

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T.) OCT.

3

CEILING							VIS	BILITY (ST.	VISIBILITY (STATUTE MILES)	S S						
(FEET)	2	9 11	87	7	e Al	2 2%	7 1	¥1 ¥1	¥1 ¥1	Ā	% Al	*	Z Al	≥ 5/16	N N	٨١
NO CEILING		44.9		53.5	5.	5	1.			59.3	59.4		0			
≥ 20000		51.5	8	61.1	3	63.6		5		7	67.8				68.7	68.9
7 18000		-		61.1	3	3.	5	5	3							
141		51.5	58.5	61.1	4.69	63.6	65.3	65.7	65.9	67.7	67.8	67.8	68.6		68.7	68.9
> 14000		51.6		61.3	3	3	5	5	•							69.0
12000		52.7	6			65.2	;	1	67.5	6			70.3		0	70.7
		54.4	-		-		6	6	0	2.						73.7
000		54.8	2	65.2			6		70.5						74.0	74.2
1		57.6	3			-	6			.0						
9 1 1		58.1	;	69.7	72.2	72.5		4.9							78.6	78.8
1		58.5				2	*									0.61
9006		58.4		70.1		72.9			•	-	77.8		78.7		79.0	
1		58.6			2											
141		59.0	-	70.8	73.3			76.1	76.3	78.4	78.7				40.6	80.1
1		60.2			*	5	-			6						81.5
300		63.8	3	76.2	29.0		-		3	*		84.4			3	85.8
1		9.99	3		3.	.01				8	8				6	90.1
7 200		68.7		82.3		3		86.6	88.8	0	-				5	95.6
		68.9		82.5	3	5	8			-	-				2.	92.7
1300		70.4	ò	84.4		-	0		91.1							94.8
1		70.7	0		86.8	6	-			*						96.5
8 1 A		71.1	81.1	85.8		6	5	93.2	93.4							97.3
		71.1	81.1	3		6	2.		•	3						97.5
8		71.1	81.3	86.2	90.1	0	3		94.2	ė	;					98.3
		71.2	:	•	0	0	3			.0						98.4
8		71.4	=	86.5		0					-		98.3			98.8
		71.4	-	86.5		0	3		•	:						99.0
8		71.5	81.6	86.6	2.06	:		6.46			-	97.9				4.66
38		71.5	-	0	1.06		4	6.46	5	97.7	1.96	1.86	0.66	0.66	4.66	66
		71.5	-	•		-		•	•	:				•	1.66	99.6
8		71.5	91.0	80.0	1.06	21.0	0.00	95.0	95.2	97.8	2.86	2.86	6.66	99.3	2000	66.6
		11.5	010	•		-	•	•	•	97.8	79.5		•		7.66	00

TOTAL NUMBER OF OBSERVATIONS

1240

00

3

0

0

0

0

93832

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

93832

73-

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VON HOURS (1.5.7.)

200

TOTAL NUMBER OF OBSERVATIONS

150

0

100

0

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

0.4 NOURS (1.5.T.) VON HENOR

> PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	;		,					IBILITY (ST.	-	_						
	0 4	0	5 1	**	n Ni	2 2%	2.5	27	7 1	-	*	*	z N	2 5/16	NI NI	0
NO CEILING		38.7	42.7	0.44	40	•	52.7	2	52.7	56.0	57.3	57.3		59.3	61.3	63.3
1 20000		41.3	47.3	48.	52.0	25.0		59.3		2.	0.49	:		•	68.0	10.0
V 18000		41.3	47.3	48.7	•	52.	59.3	59.3	59.3	62.7	0.49	0.09			68.0	70.0
00091 ×		41.3		48.7	52.0	52.0	59.3		59.3	62.7	0.49	:	0.09	0.99		70.0
> 14000		41.3	1	68		32.		59.3	59.3	62.7	0.49					70.0
12000		42.0		1 50.7	54.0	24.0	61.3	61.3	61.3	64.7	0.99	0.99	0.89	68.0	70.0	72.0
		44.7	1	53.3	56.7	56.7	4	*		67.9	68.7		1001	1001	72.7	74.7
1 1		44.7	50.7	53.3	56.7	56.7	0.49	0.49	0.49	67.3	68.7	68.7	70.7	70.7	72.7	74.7
		46.0	1	55.3	38.7		9	0	9		1001	11.3	13.3	73.3	75.3	77.3
1 1 1		46.7	53.3	56.0	5	59.3	66.7	66.7	66.7	70.0	71.3	72.0	74.0	74.0	76.0	78.0
1		47.3	1	56.7	90.0	0.00	67.3	1.	-		72.0	72.7	74.7	74.7	76.7	78.7
200		47.3	34.0	56.7		0.09	67.3	67.3	67.3	70.7	72.0	72.7	74.7	74.7	76.7	78.7
1		48.0	54.7	57.3		0		0.80		71.3	72.7	13.3	75.3	15.3	77.3	79.3
141		48.7	55.3	58.7	62.0	62.0	69.3	69.3		72.7	74.0	74.7	76.7	76.7	78.7	80.7
		49.3	26.0	59.3	62.7	62.7	70.0			73.3	14.1	15.3	11.3		19.3	81.3
3000		49.3	57.3	60.7	0.49	0.40	72.0	72.0	72.0	75.3	76.7	77.3	19.3	79.3	81.3	83.3
		6.65	1	100	64.0	0.40				75.3	16.7	17.3	19.3	19.3	81.3	83.3
200		50.0	58.0	61.3	64.7	64.7	72.7	72.7	72.7	76.0	77.3	78.0	80.0	80.0	82.0	84.0
		50.0	1	0.29	65.3	65.3	73.3	73.3	73.3	76.7	78.0			80.7	82.7	84.7
1 71		50.7		62.7	66.7	66.7	74.7	74.7	74.7	78.0	79.3	80.0	82.0	82.0	84.0	86.0
		52.0		0.49	9	68.7	76.7	76.7	76.7	80.0	81.3	2.		84.0	86.0	88.0
141		52.0		0.49	68.7	68.7	78.0	78.0	78.0	81.3	82.7	83.3		5	87.3	89.3
		52.0	1	0.40	68.7	08.1	78.0	78.0	78.0	81.3	82.7	83.3	85.3	85.3	87.3	89.3
8			61.3	64.7	•	69.3	78.7	78.7	78.7	82.0	83.3	84.0		86.0	88.0	90.0
1		52.7	61.3	64.7	69.3		78.7	78.7	7.8.7	82.0	83.3	*	80.0	86.0	88.0	90.0
8		52.7	61.3	1 64.7	69.3	69.3	78.7	78.7	78.7	82.0	83.3	84.0	86.0	86.0	88.0	0.06
				177	2 07	204	4 69 4		-		6 6 0	V . V		70	00	

TOTAL NUMBER OF OBSERVATIONS

150

1880

86.7 89.3 91.3

82.0 83.3 84.0 86.0 86.0

78.7 82.0 84.0 84.7 82.7 84.7

78.7

88.0 88.0

86.0

92.0 94.0

88.7

88.7 88.7

86.7 86.7

88.7 94.0 97.3

94.0100.0

88.7

86.7

82.7

78.7

78.7

78.7

69.3

69.3

64.7

61.3

61.3 64.7

52.7 52.7

80

88

69.3 69.3 78.7 78.7 78.7 82.7 84.7

78.7

78.7

78.7

69.3 69.3

78.7

69.3 69.3 78.7

69.3 69.3 78.7

61.3 64.7 61.3 64.7 61.3 64.7 61.3 64.7

> 52.7 52.7

88

100

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

PERCENTAGE FREQUENCY OF OCCURRENCE

NOV

07 HOURS (1.5.T.)

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	5	۰ ۸۱	\$ 41	4	e Al	2 2%	7	¥1 ¥	71 7	- -	% Al	*	Z AI	≥ 5/16	N NI	٨١
NO CEILING		28.7						20	42.7	8	-		48.7	48.7	49.3	
Z 2000		35.0	•		43.3		•		6	~	24	2	•	57.3	•	00
N 18000		32.0	38.0	C	43.3	m :	47.3	48	6.69	52.0		24.0	57.3	57.3	28.0	9
1 16000		35.0	•	.0.	•	0	-	•		2	0	2	51.0	:	0	
Z 14000		32.0	30.0	•				**	44.3			200	-	0.00		
≥ 12000		33.3	•	45.0	•	0	5	0			20	20.		•	0	20
0000		34.0	40.0	42.7	40.0	40.0	50.0	31.3	52.0		20.7	50.7	0000	00.00	61.3	0.40
3		24.	•	0.00	0 .		0	3		•	- 1			3	90	
0008 1		20.00	•	C	21.5		25.3	3 6	:	0.00	0.70	9 :	000			2
		37.3	•	0.84	2	32.1		20.0		-			0	0		12.0
		37.3	0.44	48.0	53.3	53.3	57.3		6		94.	04.1	2.00	68.	10.0	72.
2000		36.0	44.7	48.7	24.0	24.0	58.0	59.3	0.09	2.	65.3	0	0	0	70.	73.
1		38.7		49.3	54.7	24.1	58.7			3		99	0	0,	71.3	
141		39.3	40.0	50.0	26.0	56.0	0.09	61.3	62.0	64.7	67.3	67		7	72.	75.3
1		39.3		O	56.0	9	ò			65.3			~	72.	73.	76.
300		40.0	47.3	51.3	57.3	57.3	62.0	63.3	0.49	66.7	69.3	69.3	73.3	73	74.7	77.
1		40.7		3	59.3	56.3	3	5				71.3	75.3	75.	76.7	79.
2000		41.3	•	4	0.09	0.00	64.7	0.99	66.7	69.3	72.0	72.0		-		80.0
1		41.3		24.0	0.09					69.3	72.0	72.0		16.		80.0
200		41.3	6.67	54.7	61.3	61.3	0.99	67.3	68.0	0	73.3	73,3		77.3	78.7	81.
1		42.0	50.0	55.3	62.0	62.7		8		2		14.7		78.		82.7
8		43.3		56.7	63.3	0.49	68.7	70.0	70.7	73.3	76.0	76.0	80.0	3	-	84.0
		0.44			0.49	1.40		70.7			76.7	7.91	81.3	81.3		85.
8		45.3	•	58.7	65.3		70.7	72.0	72.7		78.		3	82.7		86.
		45.3	•			0.99	70.7	72.0	72.7	75.3	78.	78.0	82.7		;	86.
3		45.3	53.3	58.7	65.3	0.99	70.7	72.0	72.7	75.3	78.0	78.0	82.7	82.7	84.0	86.
	-		-			-	-			-			-	-	-	

TOTAL NUMBER OF OBSERVATIONS

150

92.7100.0

88.7

91.3 94. 95.0 96.

83.3 88.7

82.7

76.7 76.7

75.3

74.0

68.0

67.3

60.0 67.3 0.09

54.7

46.0 46.0

46.0

80

AI AI

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AI AI

46.0 54.7

74.0 74.0

67.3 68.0

73.3

80.0 80.0

83.3 83.3 84.7 87.3

86.7 89.

85.3 85.3

76.0 78.7 78.7

73.3 76.0

74.0

72.7

60.0 67.3 68.0

45.3 53.3 58.7 66.0 66.7 46.0 54.7 60.0 67.3 68.0

88

AI AI

0

79.3 82.0

80.0

SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

VON HTHOM

HOURS (1.5.7.)

	YEARS	ZCE ZCE	
73-77		PERCENTAGE FREQUENCY OF OCCURRENCY	ROM HOURLY OBSERVATIONS)
LUKIOA	STATION NAME	PERCENTAGE	(FROM H
ECIL FIELD, FLORIDA			
CECIL			

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	۸I	۶۰ ۸۱	4	e Al	> 2%	7	٧١ ٧٢	VI 71	_ AI	% Al	*	۲۸ ۱۸	≥ 5/16	7/ 1/	0 11
NO CEILING		48.0	51.3	53.3		53.3		53.3	53.3	53.3		53.3	53.3	53.3		53.3
IA 20000		-	2	0.40	*	0.49	•	3	3	4		4	4	;	0.49	64.0
N 18000			2	64.0	;	*		0.49	;	;	0.49	;		0.49	0.49	0.49
≥ 16000		-	5	0.49	;	0.49	. 4	0.49				;		*	;	0.49
> 14000		57.3	2.		0.49			0.49	;	0.49	0.49	;		•	•	0.49
≥ 12000		57.3	3	0.49			0.49	•	*	;		;				0.49
		61.3	2.99	69.7	8	68.7					8		8			68.7
0006 ~		61.3	•				. 8	68.7	8	*	8		8	8	8	68.7
		0.99	71.3	73.3	73.3	73.3	73.3		73.3	73.3	73.3			73.3	73.3	73.3
> 7000		67.3	2	74.7	*	74.7				*	*	. 4				74.7
		67.3	72.7	74.7	*		. 5	74.7				74.7			74.7	74.7
> \$000		67.3	2		3		75.3			75.3	75.3			75.3	75.3	
		67.3	72.7	75.3			3	75.3	3		5	75.3		5.		75.3
4000		70.7	26.0			78.7	78.7				8		78.7	•		
		72.0	77.3	80.0			•	80.0	0			80.0		•	80.0	80.0
> 3000		73.3	78.7	-	:	81.3	81.3	:		81.3	:	-		81.3		81.3
		74.0		85.0		•		82.0	2.			82.0		2	2.	82.0
> 2000		76.0	81.3	84.0	;	*	*			;	;	84.7				84.7
		17.3	82.7		85.3	85.3	.9	86.0	.0	9	86.0	86.0	3		86.0	86.0
≥ 1500		78.7	;	87.3	-	-			8	8	88.0	88.0	8	8		
		78.7	84.7	98.0		88.0		88.7	88.7		88.7	88.7	88.7		88.7	88.7
N 1000		80.0	•	0.06	0.06	0	2.06		0	40.7	40.1	2006	2006		90.7	40.1
		80.7	86.7	1.06	0	90.7			91.3		61.3	91.3	91.3	-	61.3	91.3
008		81.3	1:	91.3		-	0.26	95.0	3	2						
			87.3	91.3	:	91.3		95.0	92.7	2.		45.7	45.7			
9		81.3	-	91.3	61.3	7	95.0	92.0			92.7			92.7	92.7	92.7
		82.0	88.0	92.0	92.7	92.7	3	93.3	0.46	0.46	•	;	0.46	0.46	:	
00 AI		82.0		92.0		2	93.3	0.46	5	2	0.96			•	200.1	96.7
		82.0	8	95.0	63.3	93.3	0.76	1.96	•			0.86	48.1			98.7
700		82.0	8	92.0	63.3		0.46	4. 1		1.96	98.0	0.86		86.3	99.3	00.00
8		85.0		95.0	63.3	93.3	0.46	4.7	0.96	1.96		0.86	66.3	66.3		0000
0		95.0	88.0	92.0	93.3		0.96	1.46	•	1.96	0.86	0.86			99.3	0000

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

NON

200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MILE	(S)						
(FEET)	N 2	۰ ۸۱	8 1	4	E AI	> 21/2	2 1	۷۱ ۲۲	¥1 Y	-	% Al	* 11	N Z	≥ 5/16	N N	0 11
NO CEILING		36.7	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37,3	37.3	37.3	37.3	37.3
3007		40.	:	•	41.3	41.00	47.3	6.0	6.1.3	•	41.03	6.00	6.14	41.03	41.3	41.03
18000		*00	:	41.3	41.3	4.0	6./4	4.0	6.1	41.3	6.15	0 -1		6.1	* 1.3	41.3
≥ 16000		46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
2 14000		46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000		48.0		48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
V 10000		50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
000		51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
		56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	98.0	58.0
7000		56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
1		56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0			58.0	58.0		58.0
2000		57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
		58.7	0.09	0.09		0.09	0.00	0.09	0.09			0	0	0	0.09	0.09
1 4000		60.7	62.	62.0	62.0	62.0	62.0	65.0		62.0	62.0	62.0	62.0	62.0		62.0
		62.7	94	0.49			0.49	0.49	64.0		0.49	0.49	0.49	0.49	0.49	0.49
3000		73.3		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
On the		82.0	84.	*	4	*	0.48		*	84.0	84.0			84.0		
7 2000		84.0		87.3	87.3	87.3		87.3	87.3	87.3	-	87.3	-	87.3	-	
		84.0	87.3	87.3	87.3	-	87.3		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500		87.3	.06	-	91.3	91.3	91.3	91.3	91.3	61.3	61.3	91.3	91.3	91.3	•	
1200		87.3	40.1		95.0	92.0	92.0		92.0	92.0	5.	95.0	95.0	95.0	92.0	92.0
1000		0.06	63	94.7	94.7	94.7	64.7	4.7		64.7	;	4.7	64.7		1.46	24.7
8 Al		0.06	93.			5	3			95.3	2				2	
		0.06	V	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
		0.06		6.56	96.0	0	0.96	0.96	0.96	0.96	0.96			0.96	0.96	0.96
> 400		90.0	100	95.3	96.0	0.96	0.96	0.96	0.96		.9	0.96	0.96		96.0	0.96
		90.0	1	. 5	96.0		. 9	1.96	1.96	97.3	1.	-	97.3	97.3		97.3
≥ 400		90.0	94.	95.3	96.0	0.96			97.3	98.0	98.0	0.86	98.0		0.86	0.86
		0.06	. 96	0	1.96						0	•		0000	•	0.00
≥ 200		90.0		96.0	96.7	96.1	98.0	98.7	98.7	00.00	00.00	00.00	00.00	0000	100.00	00.0
8		90.0		•		96.7	0.86	98.7		ċ	•	0		00.00	ò	0.00
0		0.06	. 46	0.96	96.7	1.96	98.0	98.7	98.71	00.00	0000	100.00	00.00	00.00	100.0	0.00

TOTAL NUMBER OF OBSERVATIONS

150

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71.3

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HOURS (L S.T.) VON HTHON 16

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77.3 93.3 0.46 85.3 0.06 0.06 77.3 85.3 85.3 93.3 17.3 93.3 0.06 77.3 85.3 74.7 0.06 72.7

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99.3100.0100.0100.0100.0100.0100.0100.0 99.3100.0100.0100.0100.0100.0100.0100.0 99.3 99.3 99.3 66.3 66.3 97.3 98.7 61.3 98.7 89.3 66.3 €.66 8.66 98.7 6.66 0.86 1.86 1.96 7.86 98.7

99.3100.0100.0100.0100.0100.0100.0100.0 TOTAL NUMBER OF OBSERVATIONS 66.3

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SOWS

93832

1552

CECIL FIELD, FLORIDA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

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VISIBILITY (STATUTE MILES)	۷۱ ۶۲
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CEILING (FEET)

NO CEILING

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N Al	-	2.	3	5	2.	63.3	5	5	ċ	-
1 2%						63.3				
e Al	7.3	2.0	2.0	2.0	2.0	63.3	5.3	5.3	0.0	1.3
4						63.3				
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AI AI

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AI AI

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77.3 85.3

92.7 87.3 88.7 90.0 82.7

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88 2000 1500 AI AI AI AI AI AI

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

19 HOURS (1 \$ T.) VON

1490

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	0 AI	7 54.7 54.7	7 68.7 68.7	7 68.7 68.7	7 68.7 68.7	0 10.0 10.0	72.0 7	11.	78.0 7	0	82.0 8	82.0	2.7 8	2.7 8	4.7 8	86.	88.0	7 90.7 90.7	2.7	3 93.3 93.3	3.3	3 93.3 93.3	_	4.7 9	.3	6.19	6.7	7 96.7 96.7	0.86	666	100.001	100.000	0100.0010
	2 5/16	54.7	68.7	68.7	68.7	70.	72.	77.3	78.		0	82.0		82.7		8		0		0	93.3	93.3	0	0	_			0	0	66	100	00	100
	Z Z	54.7	68.7	68.7	68.7	70.0		11.	_	80.	00	82.0				86.	•	0	2	3	93.3			*		.0		.0		66.3	100.0	100	100.0
	*		68.7	68.7	68.7	70.0	72.0	77.3		80.	8				84.7			90.7			93.3			94.7	95.3	96.7	96.7	96.7		4.86	98.7	98.7	78.1
	% Al	54.7	68.7	68.7	68.7	70.0	72.0	77.3	8	0	82.0	82.0				•	88.0	90.7	92.7	93.3	93.3	93.3		1.46	95.3	1.96	7.96		98.0	1.86	98.7	98.7	98.7
(ES)	- A1	54.7	68.7	68.7	68.7	70.0	72.0	77.3	78.0	80.7	82.0	82.0		82.7			*		92.7	3.	93.3	93.3	;	94.7		96.7		96.7	96.7	97.3	97.3	97.3	
VISIBILITY (STATUTE MILES	VI %		68.7		68.7			77.3	8	0		82.0	5	82.7	84.7	•	88.0		2	3	93.3	3	\$	*	3	. 9		96.7	96.7	97.3	97.3	97.3	97.3
IBILITY (ST	۷۱ ۶۲	54.7	68.7	68.7	68.7		72.0	77.3		80.7		82.0		82.7		86.0		90.7	92.7	93.3	93.3	93.3	0.46	4.7	95.3	96.1		96.7		4.96	96.7	96.7	1006
VIS	AI	54.7		68.7	68.7	70.0		77.3		80.7	82.0		82.0	82.0	84.0		-		2		92.7		93.3		1.46	0.96	•	0.96	•	0.96	96.0	96.0	•
	> 2%	54.7	68.7	68.7	68.7	70.0	72.0	77.3		80.7		2	82.0	82.0		•	87.3	0.06	92.0	92.7			93.3		4.7	0.96	0.96	0.96		.0		96.0	96.0
	AI	54.7	68.7	68.7	68.7		72.0	77.3		80.7	82.0	2.	82.0	2.	84.0	85.3	87.3		92.0	92.7	92.7	92.7	93.3	0.46	1.46	0.96		0.96	0.96	.0	•		96.0
	<b>AI</b>	54.0	0.89	0.89	68.0	69.3	71.3	76.7	77.3	0	81.3	81.3	81.3	81.3	83.3	84.7	86.7		91.3	92.0	92.0	92.0		63.3			64.7					94.7	
	S) Al	53.3		67.		68				29.3		80.7	80.7	80.7	82.7		86.0	88.7	90.7	90.7	40.1	40.1	91.3		92.0		92.0			95.0		92.0	•
	٨١	52.0		0.99	0.99	67.3	69.3	74.7	75.3	78.0	79.3	79.3	79.3	79.3	81.3	82.0	83.3	86.0	88.0	88.0	88.0	0.88	88.7	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
	5																																
CEILING	(FEET)	NO CEILING	≥ 20000	V 18000	00091	N 14000	12000		90 Al		7000		2000		900	1	3000	1	7 2000	1	95		900		8		8		84	300		8	

TOTAL NUMBER OF OBSERVATIONS

150

0

8

DIRNAVOCEANMET SMOS

0

0

0

0

0

0

93832 STATION

#### NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

#### CEILING VERSUS VISIBILITY

CECIL FIELD, FLORIDA

PA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOV MONTH

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	26. 25. 27. 54.7 55.7 57.3 57.3 57.3 57.3 57.3 57.3 57	26 25 27 57.3 27.3 57.3 57.3 57.3 57.3 57.3 57.3 57.3 5	26	26 25 27 57.3 27.3 57.3 57.3 57.3 57.3 57.3 57.3 57.3 5	EING	(i	CEILING	20000	18000	16000	14000	12000	0000	0006	0008	2000	0009	2000	4500	7000	3500	3000	2500	2000	9081	1500	1200	0001	00%	008	700	9	800	907	300	200	
54.7 55.7 57. 52.7 56.7 57. 52.7 64.7 65.6 52.7 64.7 65.6 52.7 64.7 65.7 52.7 64.7 65.7 58.0 70.0 70.7 70.7 73.3 74.7 70.7 74.7 73.3 74.7 70.7 74.7 73.3 74.7 70.7 74.7 73.3 74.7 70.7 74.7 74.7 75.7 70.7 74.7 75.7 75.7 70.7 74.7 74.7 75.7 70.7 74.7 74.7 75.7 70.7 74.7 74.7 75.7 70.7 74.7 74.7 75.7 70.7 74.7 75.7 75.7 70.7 74.7 75.7 75.7 70.7 74.7 74.7 75.7 70.7 74.7 75.7 75.7 70.7 74.7 75.7 75.7 70.7 74.7 75.7 75.7 75.7 70.7 74.7 75.7 75.7 75.7 75.7 75.7 75.7 75	25. 24. 23. 22% 54.7 55.7 57.3 57. 62.7 64.7 65.3 65. 62.7 64.7 65.3 65. 62.7 64.7 65.3 65. 62.7 64.7 65.3 65. 68.0 70.0 70.7 70.3 65.3 65. 70.7 73.3 74.0 74. 70.7 73.3 74.0 70. 70.7 73.3 74.0 74. 70.7 73.3 75.0 70. 70.7 73.0 70.0 70. 70.7 73.0 70.0 70. 70.7 73.0 70.0 70. 70.7 7	25 22% 22 54.7 56.7 57.3 57.3 57.6 62.7 64.7 65.3 65.3 65.6 62.7 64.7 65.3 65.3 65.6 62.7 64.7 65.3 65.3 65.6 62.7 64.7 65.3 65.3 65.6 68.0 70.0 70.7 70.7 70.7 70.7 70.7 70.7 7	25 24 27 57.3 22% 22 62.7 56.7 57.3 57.3 57.3 57.62.7 65.7 66.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3	25 22% 22 54.7 56.7 57.3 57.3 57.6 62.7 64.7 65.3 65.3 65.6 62.7 64.7 65.3 65.3 65.6 62.7 64.7 65.3 65.3 65.6 62.7 64.7 65.3 65.3 65.6 68.0 70.0 70.7 70.7 70.7 70.7 70.7 70.7 7		٨١	2.									0.99	0.99	0.99	56.7	67.3	68.0	68.7							;								15.3
25 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	26.7 57.3 57.3 57.3 57.3 57.3 57.3 57.3 57	24 23 22% 22 64.7 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3	24 23 22% 22 64.7 57.3 57.3 57.3 57.4 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3	24 23 22% 22 64.7 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3			-	-	_		-	0	68	-	_		_					-	14	76	-	_			-		1_	_	00		_	_	00
m   • • • • • • • • • • • • • • • • • •	1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	22%   22%	22   12   12   12   12   12   12   12	22%   22%			56.7	64.7	64.3	4				70.	72.	73.										0	5	5			84.7	84.7	3		*	3	4
		* www.ww.r.r.wooc.wor.r.wr.ww.woor.r.	* www.ww.r.r.wooc.wor.r.wr.ww.woor.r.	* www.ww.r.r.wooc.wor.r.wr.ww.woor.r.		1		5				0			3.	;					.0					0		2	3	4	5	5				0	
VISIBILITY (STATUTE MILES)  VISIBILITY (STATUTE MILES)  7 - 3 57 - 3 57 - 3 5 7 - 3 5 7 - 3 5	N	N	N			% AI	58.7	67.3	1.	-			72.7		2.	;			•	•	78.7	79.3	0	2				3		8							3
VISIBILITY (STATUTE MILES)  7.3 57.3 57.3 58.5 58.5 58.5 58.5 5.3 66.0 66.0 66.7 67.5 5.3 66.0 66.7 67.5 67.3 67.3 68.0 66.7 67.5 67.3 67.3 68.0 66.7 67.5 67.3 71.3 72.0 72.0 72.0 77.3 71.3 71.3 72.0 72.0 72.0 72.3 76.0 76.7 77.3 78.3 76.0 76.7 77.3 78.3 76.0 76.7 77.3 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0						* 1	58.7	7.	1.	-	-	8		72.7	75.3	76.7								2		83.3		•			88.7	88.7			92.7		Ė
VISIBILITY (STATUTE MILES)  2.2 \( \text{PL} \) \( \text{PL} \	21 2% 28 2 2 38 2 38 3 3 3 3 3 3 3 3 3 3 3 3	21 2% 28 2 2 38 2 38 3 3 3 3 3 3 3 3 3 3 3 3	21 2% 28 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1		Z AI	58.7	67.3				69.7			2.		10.1	76.7			78.7						2	3	0	8					92.7	93.3	93.3
VISIBILITY (STATUTE MILES)  VISIBILITY (STATUTE MILES)  7 - 3 57 - 3 57 - 3 58 - 5 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 7 58 - 3 67	8.0 58.7 58.7 58.7 58.7 56.7 6.7 6.7 6.7 6.7 6.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9	8.0 58.7 58.7 58.7 58.7 56.7 6.7 6.7 6.7 6.7 6.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9	8.0 58.7 58.7 58.7 58.7 56.7 6.7 6.7 6.7 6.7 6.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9	2.7 28.7 38.7 38.7 38.7 38.7 38.7 38.7 38.7 3		≥ 5/16	6	8	8			•											-	2.	3.	*	•				6	6	0	:	3.	;	3
VISIBILITY (STATUTE MILES)  2 2 1% 2 1% 2 1% 2 % 2 % 2 % 2 % 2 % 2 %	2.0 58.7 58.7 59.7 59.7 59.7 59.7 59.7 59.7 59.7 59	2.0 58.7 58.7 59.7 59.66.7 67.3 68.7 59.7 59.7 59.7 59.7 59.7 59.7 59.7 59	2.0 58.7 58.7 59.7 59.7 59.7 59.7 59.7 59.7 59.7 59	2.7 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8		× 1				•		70.0	74.0	74.0			8	*	•		0	0	2.		84.0	84.7	86.7	86.7					-			2	
Visibility (Statute Miles)  2 2 1% 2 1% 2 1 2% 2 % 2 % 2 % 2 % 2 % 2	8.0 58.7 58.7 59.3 60.68.65.7 67.3 67.3 67.3 67.3 67.3 67.3 67.3 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0	8.0 58.7 58.7 59.3 60.68.06.7 67.3 67.3 67.3 67.3 67.3 67.3 67.3 6	8.0 58.7 58.7 59.3 60.68.65.7 67.3 67.3 67.3 67.3 67.3 67.3 67.3 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0	8.7 58.7 58.7 59.3 60. 7.3 67.3 67.3 68.0 68.7 59.3 60.0 68.7 58.7 58.0 68.0 68.0 68.0 68.0 68.7 72.7 72.3 74.2 74.3 74.2 77.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3		٨١	62.		70.	10	70.	72.	16.	76.	78.	80.	80.	80	80.			82.		85.		86.			89.		92.	92.		94.	96		00

TOTAL NUMBER OF OBSERVATIONS

150

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIOA

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				)	(FROM HOURLY OBSERVATIONS)	HOURLY	LY OB	OBSERVATIONS	TION	S)					HOURS (L S	
CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	71	Al	\$ 2	1 1	E AI	≥ 2%	N AI	YI 74	Y1 X1	- AI	% Al	* Al	Z Al	≥ 5/16	N N	٨١
CEILING		43.7		47.6	48.5	48.5	50.2	50.4	50.5	51.4	52.0	52.0	2	2.		54.3
20000		-	-	56.3	57.5	57.5		39.6		ċ	-	01.3	2	2	2	
18000		4.10	0. 0. 0. 0.	56.3	57.5	57.0	59.4	200	59.8	000	61.9	61.3	62.0	62.2	62.8	000
14000				56.4	57.7	57.7	59.6	99.0	0		-	-	62.2	2.		64.2
12000		52.7	56.3		59.1	59.1	0.19	61.3		65.3	6.29	65.0	3	63.8	4.49	65.6
00001			59.6	-	2.	62.5	;	94.6	8.49			66.3	0.10	67.2	-	69.1
0006			59.9	0			9.49		3					67.5	68.3	4.69
9008			63.3	65.1	1.99	1.99	9.89	6.89		6.69	10.5	0.0	4.1.	11.1	12.4	73.0
2000			64.2	65.		67.5	69.5	69.8	6.69			11.0		•	13.4	14.6
9009		60.3	64.3	0.99		67.7	1.69	70.0	70.1	71.0	71.	71.8	72.6	72.8	3.	74.8
2000			64.5		68.0	68.0	70.0	10.4		71.4	72.1	72.2	•	13.3	74.0	75.2
4500			0.50	66.8		•	70.5	10.9	71.0	71.9	72.0		•	73.8	74.5	75.7
900		62.6	66.7		70.4	70.4	72.4	72.8		73.8		14.6	15.4	75.7	76.4	77.6
1600			8.19	8.69			73.6	74.0		75.0	12.1			9	17.6	78.8
3000		66.5	71.3	-	75.0	75.0	77.2	77.6	77.7	78.6		19.3		80.4	81.2	82.3
2500			73.7	75.8	77.6	17.6		80.3	80.3	81.3	81.9	85.0	2.			85.0
2000			75.4	-	19.4	19.4	81.8	82.3		3.	83.9	84.0	84.8	85.1	85.8	87.0
1800			75.8	7.8	49.9	19.9	82.3	85.8		83.8		*	85.3	85.6	86.3	87.5
1300			76.8	•	81.2	81.2	83.5	84.0				82.8	86.6	86.8	87.6	88.8
1200		71.8	77.4	80.	3.	82.2		85.0	85.1		86.7	.0	87.6			89.8
1000			78.3	80.9	3.	83.1	85.6	86.1	86.2	87.1	87.8	87.8	88.7	6.88	89.7	8006
906		72.8	78.6	81.3	83.4	83.6		86.6	86.7	87.6	88.3	88.3	89.3	89.5	90.3	91.4
8			79.2	-		84.3	86.8	87.3	87.5	88.5		89.3	0	4.06	91.2	92.3
700					*	34.6		87.8	87.9	88.9	9.68	89.7	90.06	90.8	91.6	95.8
8					84.6	84.8	-	87.9	88.1		86.8	8.68		91.0		6.26
200				3	84.9	85.1	87.9	88.4		80.8	4.06	90.5	-	91.7	92.4	
8		73.5		82.8	85.3	85.4	88.3	89.0	89.3	4.06			95.5	95.8	93.5	
300			79.8		85.7	85.8	89.1	89.8	90.3	91.8	95.9	93.1	2.46	34.4	95.3	96.5
300				82.9	85.7	85.8	89.5		4.06	92.1		93.5		65.3	96.3	97.8
81		73.5	8.64	82.9	85.7	85.8	89.2	89.9	4.06	92.1	93.3	93.6	95.0	95.4	97.3	38.5
0				2	85.7	3	89.2			92.1	3		3		97.4	

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

01 HOURS (1.5.7.) DEC

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF OBSERVATIONS

155

110

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

DEC

04 HOURS (1 S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		m.	-	-	-	-	*	-	1	-	-	7.	*	0	0	6	S.	-	*	0	0	0	6	2	5	2	7	3	3	3	9	0	0
	٨١	52				56	57		9			-		0	-	2	75	8	0		8		83		86		87		90		63		8
	2	00	0		00	8	7.	4	*	8		8	-			0	.2	*		1.			•	0	.2	2	8	7	0	0	3	•	2
	Al	51	-	*	54	54	56	59	29	69	65	65	67		69	1	74	-	78	78	80	80	82	83	85	85		87	89	16	92	35	36
	5/16	•	•	•	•		-	4.			•							•	-					6.				7	•			•	•
	۸۱	51							29				67		69		74		78		80		82		85	85	85			16	92	92	
	z	9.	•														1.2						•							0			.3
	٨١	2,5		0	2	34	ž	5	29		9	9	0	c	9	F	74	-	7	7	8	8		8	85		8			16	6	92	92
	*	1.6	•						4.6	8.6	5.8	5.8	7.1		7.6		4.2			8.7	1.0	0.0	2.6		5.2	3.2	5.8	7:1	0.6		1.6	1.0	•
	٨١	~	,	0	S	2	Š	2	50	0	•	9	•	9	0	-	-	-	-	1	0	00	8		00	00	•	0	00	0	0	0	0
	× Al	1.6	•	•	•	9.4	.,	4.6	9.4	•		5.8					74.2		8.1		0.7	0			5.2	5.2			6		•	1:0	•
		9 0	2	2	2 3	2 5	5	7	7 3		2 6	9 2		-		-	2	-		-	8	8			8	8		2	4	6	3	0	0
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AILES)		50	+					-	-	-		-		-		-	0	-		2	4	_		7 8	8		8	-	8		6	8	8
VISIBILITY (STATUTE MILES	7	50.	•		2.		;	-	57.	3.			;	5	-			;	;	5			0	80.	.1.			83.		85.	85.	25	5.
(STAT		m 0		,		6	2	3	4	2 6	~	~	3	~	-	-	0	~	Œ	2	*	3	*	1		0		2	2	<b>a</b>	8	20	8
ILITY	7 7	50.				52.					69			2		-	71.	3	74.	3	77.		0		81.	81.	81.	83.	84.	85.		82	100
VISIB		-	+	_		9		-	_	3	2	•		-		-	0	-	0		5			1_	4	3		-	0	2	~	~	~
	AI	64	7	7	51,	51	52		-		61.		~		69		69	72		73	75	75	77		19				81	83	83	83	83
	21/2	4 (	2	0	0	0	· .	8	8	-	-	-	0	0	5	~	4	9.	6	6.	20	80	8	-:			~	3	1			m.	F.
	AI .	4	-	5	3	21			34		00						68		72	12	74	14	76	78	78		78		80	81	81	5	8
	6	4 (	9	0	0	0		00			1.		0.	9.			4									-	1.				e.	·.	
	Al	48		2	51	51	52			9	9	09			64	65	68	71	72		74			78	78	78		79	80	81		8	8
	•	The same of the	•	•									4.		•		. 2	4.	4.		.3		9.		9.		9.		. 8		.5		.5
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	5	3.2	•			5.8			8.4								8.1		•				•		•	•	•		•	6.5	•	5.5	5.5
	۸ı	43	+	-		_	-	-		5	3	5		-		-		-		9	-	-	¢	9	0	0	9	0		_	99	ŏ	ŏ
	۰ ۸۱	10.	79.6	3.5	3.2	43.2	4.5	5.8	5.8	6.1	1.6	9.7	0.3	0.3	2.3	2.3	54.2	5.5	5.5	6.1	6.8	6.8	8.1	8.1	59.4	4.6	9.6	4.6	60.09	0.7	00	0.1	0
		3 4		*	4	3	4	3	4.5	3	4	3	3	2	20	3	in	2	in	3	*	2	5	50	n	S	S	2	•	9	0	9	٥
	2																																
	AI .	0	+					-		-		-		-		-		-		-		-		-		-		-		-	-		4
CEILING		O CEILING	3	18000	9009	900	12000	0000	8	000	7000	0005	2000	1500	4000	3500	3000	2500	2000	1800	1300	1200	90	000	8	8	8	200	8	300	30	8	•
GE	E	NO CEILING		٨١			M		IAI		IAI		I AI		IAI		IAI		IAI	1	A		IAI	A	A	٨	IAI	٨	IAI	AI	AI	AI	^1
					-	_		_		_		_	-	1	_	_				_	_	_	_	_	_	_		_					

TOTAL NUMBER OF OBSERVATIONS

155

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#### 5703 CEILING VERSUS VISIBILITY JAN 78

# NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

07 HOURS (1.5.7.) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						VISI	VISIBILITY (STATUTE MILES)	TOTE MIL	(5)						
2 1	۸I	S AI	AI	M Al	2 2%	Z AI	Y	¥1	<u></u>	% Al	₽ Al	Z Al	≥ 5/16	× Al	٨١
CEILING	-	38.1					44.5	44.5	47.1					6	50.3
20000	2.	39.4	2	-	43.2	45.8	47.1	47.1	49.7	49.7	49.7		0		
80			45.6	3.			47.1	47.1	49.7					-	52.9
16000	32.3	39.4	•	43.5	43.2	45.8	47.1	47.1	40.1		49.1	50.3	0	-	52.9
8	2.			43.5		45.8			49.7	0	6	0	0	-	52.9
12000			45.2	45.8	45.8	48.4	49.7	49.7	52.3	52.3	52.3	95.6	52.9	54.2	55.5
88		45.8		49.1	49.1		53.6		9				.0	8	
9006	38.7		0.64	1.64	49.7		53.6	53.6	56.1		56.1	\$6.8			59.4
8	43.2			54.8	54.8	-	59.4	\$9.4		2	2.		3	5	66.5
2000	43.2	51.0	54.5	54.8	*		59.4	9.65		2.	2			65.2	66.5
8	43.2			24.8	4.	57.4		6	2.	2.	2.	3.	3	3	
2000	43.2	51.0	54.5	54.8	54.8		59.4	59.4	9.29	9.29	9.29	63.8	63.9	65.2	66.5
8	43.5		*	3					2	3	2			3	66.5
4000		52.9	56.1	;			:	-	•	*	*	5	5	-	68.4
8	3.		58.1		•				7.	-		6	0.69	70.3	71.6
3000	46.5		0		-					0	ò	:		5	74.2
8	47.7		-	2.	2	3				-		~		4	75.5
2000	0.64	58.1	9.29	63.9	63.9	-	69.7	69.7	73.6	-	73.6		•	76.1	77.4
8	0.65				•	-	6			*	3			1001	77.4
1500	50.3	59.4		;	9			72.3	76.1				77.4	78.7	80.0
8	51.0		8.59	-		71.6	73.6	73.6	-	-			00	0	81.3
000	53.6	9.29			=				80.7		80.7	81.9	81.9	83.2	84.5
8	34.2				-	2	4.17	4.1	81.3	-	-	2.	85.6		85.2
8	54.5	63.9			72.3	-			83.2	83.2	83.2			5	87.1
8	24.5			72.3	•			4.61		3		4	. 4	2	87.1
909	54.5			72.3	72.9	78.1	80.0				3	85.2	85.2	;	87.7
8	54.8	65.2	71.0				81.3	81.3			85.8			88.4	
84	54.8		71.0	13.6	74.2	81.3	83.2		87.7	-	-			0	91.6
8	24.8		11.0	74.2	14.8	81.9	84.5	*	.6	6				2	93.6
200	54.8		71.0	74.2	74.8	81.9	84.5		89.0		6	3	2	94.2	96.1
8		65.2	71.0	74.2	14.8	81.9	84.5	84.5	0.69	89.0	89.0	2.	92.3		4.16
•	24.8		71.0	74.2	14.8	81.9	84.3	84.5			0.69	92.3	92.3	8.46	0000

TOTAL NUMBER OF OBSERVATIONS

155

0

DIRNAVOCEANMET SMOS

93832

CECIL FIELD, FLORIDA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

10 HOURS (1 5.T.) DEC

3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	0	19.7	57.4	57.4	1.4		58.1	60.7	1.09	57.1	57.1	67.1	58.4	29.0	71.6	73.6	16.8	78.7	78.7	00	30.7	31.3								98.7		0.00	
	× AI	7.6	7.4			4.	8.1	1.0	1.0	7.1	7.1	7.1	9.4	0.6	1.6	3.6	8.9	8.7	8.7	8.7	1.0	1.3	5.8	6.5	7.1	0.6	2.3	1.0	7.4	8.7	8.7	9.4	4.4
	5/16	4 6.6	7.4 5	7.4 5	7.4 5	7.4 5	8.1	1.0	1.0		7.1	7.1	8.4	0	9.	3.6 7	. 8	8.7 7	-1	8.7 7		1.38	00			0	•	6.1 9	4.	8.7 9		-	8.79
	A1 25 A1	9.7 4	7.4 5	7.4 5	4	6 4.	-	0.7 6	0.7 6	110	110	9 1 .	*	9	9.	9	8			8.7 7		1.3 8	5.8		7.1		•	S	8	8.19	-	6.1.0	-
	*	9.7 4	7.4 5	7.4 5			8.1.5	0	1.0	1.1	7.1	1.1	8 . 4	0.6	1.6	3.6	6.8	4.4	8.7		. 7	1.3 8	0		-	0			-	7.4 9	7.4 9	100	407
	* AI	9.7 4	7.4 5	7.4 5	.4.5	7.4 5	.1 5	9 1.	0.7 6	7.1 6	.10	9 1.	4.	90.	1 00	9	.87	.7 7	.7 7	. 1		1.3 8	8		7:		000	8.	6 1 9	7.49	7.4 9	4.4	4.4
		4 1.6	7.4 5	7.4 5	7.4 5	7.4 5		.7 6	.7 6	7	-	-	4.	0	9.	3.6 7	8				. 7	1.3 8	8	s.		0		.2		6 8 9	œ .	6.8	
TE MILES)	7.1	4 1.6	.4	*	7.4 5	.4 5	.1 5	.7 6	.7 6	9 1.	.1 6	.1 6	4.	9 0.	1 9.	.67	.8 7	.7 7	.7 7	.7 7	.7 8	.3 8	8 8	.5 8	.1 8	0.	9		5.5	-		.10	.19
VISIBILITY (STATUTE MILES)	× ×		.4 5	6 5.	4.	6 4.7	7.	-				7.	4.	*	0	2.9 73	7.				0.	0.7 8	2	œ.		*	0	0.	6 8.	.5 9	5.5	. 5	.5
ISIBILI	Al	7 45	4	4 5	10	*	1 5	1 60	7 6		0	9 1		0	-	6	-	-		4 7	80	80		8		8				9	0	0	
,	AI	:	-	7.	-	7.	58.	•09	•09	67.	67.	67.		8	-			:	-	:	6	0	;	5		:		-	2		3.		3
	> 2%	49.7	57.4	57.4			58.1	0	60.7		67.1				-	72.9				77.4		79.4				85.8	-		91.0	91.0	-	91.0	-
	AI	49.7			57.4	57.4	58.1	0	60.7		67.1	67.1			-	3.			77.4	77.4	8		83.2	3	83.9	3	:	6	-		-	91.0	-
	<b>A</b> I	00	56.1		56.1		56.8		59.4			65.8	67.1		69.7	71.6	74.2		76.1	76.1		78.1	80.7		81.3	83.2	85.2	86.5		87.7	87.7	87.7	87.7
	S)	47.1				54.8										4.69						74.2		77.4	77.4	19.4	80.7	81.9	81.9	81.9	81.9	81.9	81.9
	o Al	-	0	0	0	51.0	•	9		*	*	*			6.	63.9				s.	-			.3	.3	71.6	72.3	72.9	72.9	72.9	72.9	72.9	12.9
	2												,																				
CEILING	(FEET)	NO CEILING	¥ 20000	N 18000	14000		2 12000		0006		7000		9000	1	900		3000		7 2000		1500		0001		8		8		8		30	8	٨١

TOTAL NUMBER OF OBSERVATIONS

0

0

0

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0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

73-77

13 HOURS (1 S T.) DEC

1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	2 5/16 2 1/2 2 0	.5	52.9 52.9 52.9	.9 52.9 5	.9 52.9 5	52.9 52.9 52.9	3.6 53.6 5	6.8 56.8 56	8 56.8 5	4.5 64.5	.5 64.5 64	.5 64.5 64	.5 64.5 6	.2 65.	.5 66.5 6	.4 68.	.2 74.2 7	18 6.18 6.	.5 84.5 8	.5 84	.4 88.4 8	.7 89.7	.2 94.2 9	2.46 2.	.2 94.2 94	1 96 1	04 9704 9	5 4.66 4.	_	01000010	.0100.010	0.0010.0010.00	100.001
	•	44.	52.	52.	n	52.	53.6	900	80.95	64.5	64.5	64.5	64.5	65.2	66.5	4.89	74.2	81.9	84.5	84.5	88.4	89.7	2.46	2.46	2.46	1.96	97.4	4.66	4.66	0.	0	10000	100.001
	* Al	44.	52.	52.	52.	52.	53.	56.	56.8	04.	64.	04.	64.	65.	66.	68	74.	81.	84.	84.	88.	89.							4.66	7.66	99.4	4.66	466
	N N	44	52.	52.	52.	52.	53.	56.	100	64.	64.	64.	64.	65.	66.	68.	74.	81.	84.	84.	88.	89.	94	. 76	. 76	96	97.	6	4.66	3	99.4	4.66	99.4
LES)	Ä		52.9			•	53.6	56.	5	04.	04.	64.	04.	65.	66.	68.	74.	81.	84.	84.	88.	89.	94.	.76	0	98.	96	_	0		98.7	98.7	98.7
VISIBILITY (STATUTE MILES)	VI %	*	8	52.	52.	~	53.	56.	56.	64.	64.	64.	64.	65	66.	.89	74.	81.	84.	84.	88.	89.	94.	. 56	94.	95.	96.	.86	98.7		98.7	98.7	98.7
SIBILITY (S	71 72		\$2.9						80.8							8	;	:	;			6				5	•				98.7	98.7	98.7
5	AI	*	•	3		•		56.	56.8	64.	64.	640	64.	65.	66.	68.	74.	81.	84.	84.	88.	89.	94.	. 76	. 76	95.	96	98.	98.	0	0	98.7	
	Y 2%	*			52.9					*		*	*			00	4		-		-	6		3	•		5		96.8	.0		8.96	9
	AI		52.9		52.9	2.	3		56.8		*	*		5				-	3	3.	-	6	3	3	3		3	9	96.8	0		96.8	•
	AI	*	52.	\$2.	52.9	52.	53.	56.	56.	. 49	64.	64.	64.	65.	66.	68.	74.	81.	83.	83.	87.	89.	.26	92.	92.	94.	94.	. 76	0	94.	94.	94.	
	\$ 41	44.5	52.9	52.9	52.9	52.9	53.6	56.8	56.8	64.5	64.5	64.5	64.5	65.2	66.5	68.4	74.2	81.9	83.9	83.9	87.1	88.4	92.3	92.3	92.3	93.6	34.5	34.5	94.2	34.5	94.2	2.46	84.2
	۸I	43.9	51.0	-	51.0	-			54.8	62.6	62.6	62.6	3	63.2	. 4		72.3	80.0			85.2	86.5	89.7	89.7	89.7	91.0		9116	91.6		91.6	91.6	91.6
	2																																
CEILING	(FEET)	NO CEILING	> 20000	V 18000	7 16000	> 14000	17000	1 -	8	1	7000	1	2000	1	141	1	300		7 2000		200		8		8		8		141		9		٥

0

TOTAL NUMBER OF OBSERVATIONS

155

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5703 CEILING VERSUS VISIBILITY JAN 78

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

93832

0

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (L S.T.) DEC

20

CEILING							VIS	VISIBILITY (ST	(STATUTE MILES)	ES)						
(FEET)	2	٥ ٨١	8 41	AI AI	e Al	2 2%	2 AI	VI %	VI 71	- AI	N N	*	Z AI	≥ 5/16	× Al	O AI
NO CEILING		46.5	47.7	47.7	8		8	48.4	8		8	8	80	63		
≥ 20000			58.1	58.1	8	58.7	8	58.7	8					8		
		56.1		58.1	8		8				8	8	8	8		58.7
00091 A		56.8		58.7	6		6		6			6	6	6		
2 14000		56.8	58.7	58.7	59.4	\$ 65	39.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000		57.4		59.4	0	0	0		0	0	0	0	0	0		0.09
		60.7	62.6	2.			3.	3	3	3.	3.	3	3	3		
0006		61.3				3	3	3.	3			3				63.9
		69.7	:		2.		2.	2.	2.	2	2.	2	2.			
2 7000		69.7	-	71.6					2.	2	2.		2			72.3
		69.7	:		5.		2.	2.	3		2.	3	2.			
2000		71.0	:						3.		3		3			
		71.0	:		3	13.6	3		3		3.	3	3	3.		73.6
4000		74.8	:		-	-	-	-	-	-	1.	-	7			
		76.8			0	0	.0	0	0	0	0	0	0	0		
3000		80.7	:		*				;		*	;	+	*		84.5
		84.5		-		8	8	8		8	8		8	8		
2000		85.8	90.3	6.06		91.0					1.	91.0		91.0		91.0
		85.8	:	0	-		-	-:	-	-	-	-	-	-		
> 1500			:	-	2.	2	5	92.3	2	2	3	3	3	3		92.3
		87.7	•		3.		3.					ë	3	3.		
N 1000		89.0	:	8.46	3	•	5	5	5.	3	5		5	3		95.5
			:	*	3	95.5	5	2	5.	3	5	95.5	5			
008			:	8.46	÷				9			1.96				
		89.0	:	8.46	1.96		9	96.1	9		9	1.96				96.1
9		89.0	:	;	1.96	96.1			96.1			96.1	;			
		89.0	2	1.96	98.1	1.86			98.1			98.1				98.1
N 400		89.0	5		1.86				98.1	98.7	98.7	7.86		98.7	4.86	98.7
		89.0	2.	1.96		1.86		98.1	98.1			28.1	6			4.66
> 200		89.0	2	96.1	98.1		98.1	98.1	98.1		98.7	98.7	0	00.00	00.00	0.00
81		89.0	95.5	1.96	1.86	98.1	1.86	98.1	98.1	98.7	98.7	98.7	0		00.00	0000
0		89.0	95.5	1.96	98.1	98.1	98.1	98.1	98.1		98.7	98.71	0		0	0000

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TOTAL NUMBER OF OBSERVATIONS

155

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Q.

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIOA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 NOUNS (1 \$ 7 ) DEC

Ē

2   2   2   2   2   2   2   2   2   2		AI	54.8	61.3	61.3	61.3	61.3	62.6	67.	67.1	76.	77.	11.1	78.7	79.6	80.0		86.	86.			88.		92.	92.9	92.	95.		96.		99.	100	100	-
\$2.0   \$2.4   \$2.5			*	1:	1:	-	-	5																									100.0	
2   2   2   2   2   2   2   2   2   3   2   2			4	1:	1:	-	-	2.	67.1	67.1		-		8.	6	0	2.		9				-		2.	2	5.	•			4.66	10000	100.0	
210 2. 25 24 23 22% 22 21% 21% 21 28 24.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8 3		1000	*	1.	61.3	61.3	-	N		-		-				0	3.	•	0				:	3.	2	3						100.0	0.001	
2   0   2   2   2   2   2   2   2   2			*	1:	-	-	-	2	-	-																					8		40.66	The state of the s
S		1	:	-	-	-	-	5		7.	9	1.		8	6	0	2.		•		•	8	-	2	3	5	5	;	0	8			4.66	
59.6 54.8 54.8 54.8 54.8 54.8 54.8 54.8 54.8	ES	- AI	4	-	-	-	-	2		-					6	0	2.						-	2	2.	2	5				100	-	98.1	
59.6 54.8 54.8 54.8 54.8 54.8 54.8 54.8 54.8	ATUTE MIL	-			-	:																									98.1	98.1	98.1	
59.6 54.8 54.8 54.8 54.8 54.8 54.8 54.8 54.8	IBILITY (ST.			-	-	-	-:	2	1.	67.1			-	8	6	0	2.		9			8	-	2	2	2	3	9	9	98.1			1.86	
23.6 24.8 54.8 54.8 54.8 54.8 54.8 54.8 54.8 5	VIS		3	-	1.	-	-	2	-	-			-		6	ò	2		.0		.0	8	-	2	2	3	3				8		1.86	
23.6 24.8 24.8 24.8 24.8 24.8 24.8 24.8 24.8				-	-	-	-	2.								6	-		5	5	5	-	.0	-	2.		4	*	95.5				1.96	
26. 25 24.8 54.8 54.8 54.8 54.8 54.8 54.8 54.8 5				61.3	61.3	61.3	-	N	-								-	3	3	3	5	-	0	-	92.3		8.76				1.96	96.1	1.96	
1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			4	0	0	0	0	-	0								-		3			87.1		-	-	-		2		;	2.46	94.2	94.2	
2 1						60.7		-				3	5		0	-	0		3	3	3	3	0	-	:	-	0	0	6		6.06	6.06	90.3	
^1										3	2	73.6	73.6	74.2	74.8	75.5	78.1	80.7	80.7	80.7	80.7	82.6	33.2	83.9	83.9								85.2	
CELLING  O CO CE		2																																
8	97111	(FEET)	NO CEILING	N 20000	18000	2 16000					1				1				1		1		1										8	

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TOTAL NUMBER OF OBSERVATIONS

155

3

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0

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLURIDA

93832

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

200

DEC

CEILING							VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	S						
(FEET)	N 10	9	۶ ۲۱	4	E AI	2 2%	7 7	VI 24	¥1 VI	-	¾ Al	*	Z AI	≥ 5/16	AI N	٨١
NO CEILING		51.6	54.8	57.4	7		7.	57.4	-							58.1
≥ 20000		56.1		63.2					63.2	•						63.9
7 18000		56.1		3.	3	3	3.	3.	9	3.		•	•	3.	3.	63.9
00091 ×1		56.1		63.2	63.2	63.2		63.5	63.2	63.2		7	3	63.2	63.9	63.9
N 14000		8.95					•		•					-		
7 12000		56.8			;	*		;	*	*	*	100		;		
		0.09		67.7	-		-					:				4.89
90 AI		60.09		7	67.7	67.7	67.7		-	67.7	67.7	67.7	67.7	67.7	4.89	4.89
ı		67.7			9	9						7.4		17.4		78.1
8 1 1		67.7	72.9	76.8	77.4	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.7	78.7
1		4.89		77.4	8	8	8		8	8		8.7		8		
900		71.0			0	80.7		80.7	0	81.3	-			81.3		81.9
		71.0			80.7		80.7		80.7	-		.3				
004		71.0			0	0	ċ	0	0	=	-	=	:	-		81.9
		72.3	77.4	-	-		:	:	-	3			7			83.2
300		72.3		81.3	-	81.9	-	81.9	:	•	2.	2	3	82.6		83.2
1		72.9		81.9			3			3		3.	*			
7 2000		74.2		83.2	;	*	;	4	*	85.2	3		5	85.2	3	85.8
		74.2	-			•	*	84.5			3	5	5		2	85.8
> 1500		74.2	80.0	. 4	5	85.8	5	3	5	•					-	87.1
		74.2	100	85.2	•		86.5	86.5	•	87.1	-	87.1	-			87.7
V 1000		75.5	81.		-	-	-	-			8		8			89.0
		76.1	81.	87.1	8		8	•	8		6	89.0				89.7
00		16.8	83.	8	89.7	6	6	6		0	0	ċ	0		-	
		76.8	83.	0.68	0		0		0	-	-		-			91.6
8		16.8	83			0	6.06		6.06	-	-	016	-		-	91.6
		77.4	3.		-	-	-		-	2.	5		2	2		92.9
N 400		77.4	3.	90.3	91.6	91.6	-	2			•		9			94.2
		17.4	3.			-:	•		92.3			4		2.46	•	8.46
700		77.4	3.	0	-	-	-		2.	*	3	95.5			;	8.96
8		77.4	83.9	90.3	91.6		9116	6.26	65.3	8.46	95.5	62.5	96.8	4.4	98.7	98.7
		17.4	•	•	-	•	-	92.3	5			98.5	:	98.1	99.4	0000

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0 0 0 0

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

#### **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CECIL FIELD, FLORIDA

ALL HOURS (1 5 T.) DEC

900

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							SIV.	VISIBILITY (STATUTE	ATUTE MILES)	ES)						
(FEET)	5 7	۰ ۸۱	\$ 1	7.1	e Al	≥ 2%	N Al	۲۷ کا	71 7	- AI	% Al	* 1	% Al	≥ 5/16	× AI	0 11
CEILING		44.5	47.1	•			6	0	0	0	0	0	0	0	0	
2 20000		49.8	53.1	*							;	9				57.7
V 18000		8.64		*			3	0	.0	6.	.0	0	0	9		
00091		8.64	53.2	4	55.5				56.3			•		•	-	
> 14000		6.65		*			.9		0	9	9	0				
12000		51.1	54.4				57.3	57.6				0	58.5			
10000		24.0					0	0	0	-	-	-		-	=	2
000		54.1	57.7	6			0	-	-	-	-	-	:	-	5	
0008		4.09	9.49	6.				20	8	6		0		6		0
700		60.5	64.5	8.99	67.7	67.7			9.89	4.69	6	69.5	0	8.69	70.2	0
0009		9.09					8		8	6	6	0		6	.0	70.7
2000		61.3	65.7	0			0			ċ		0	:	=	-	71.9
4500		61.7					6		0	-	-	-	-	-	-	2
900		63.2		0			-			2	3	2	3			4
3500		9.49	69.3	-1					4	5	3	5	15.3	5		76.1
300		66.7										8		8		79.2
> 2500		0.69					6		6	0	0	0		-		-
2000		70.2		78.5			80.7		81.4	2	2.	82.4	3		3	83.5
1		70.2		00			0			2.		2	82.7	N	83.2	
1200		71.4	76.9	0			2	83.5		4	;	84.6		4	3	
1200		71.9		-				*		5	3			5		86.6
80		73.5		83.2			;	86.8		-	-	-				89.0
8		73.9	19.								8	*			6	89.7
8		74.0	90.	. 4			-		8		6		6	6	0	
		74.4	80.9	4				6	6	0	0	0		0	=	
8		74.6	81.1	85.3	87.7		89.1	6.68	90.0	91.1	91.3	-	91.5	91.6	92.0	95.4
		14.9					0	-:	-	2	N	2.			3	
8		75.0		86.5	89.5		-		2		;	;	;		;	95.2
		75.2	82.1	0	89.5			2.				:	92.6	3		96.5
7 20		73.2	•		89.7		-			;	'n	3	•	•		
81		•	85.2	86.8	89.7	89.8	6.16	3.	93.1	277	68.5	95.5	90.96	8.96	1.	98.4
٥		78.2	•		89.7	89.8	61.6	93.0	93.1	8.76	5	2	•	97.0	97.9	0000

TOTAL NUMBER OF OBSERVATIONS

1240

0

DIRNAVOCEANMET

SOWS

CE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) ALL

	547							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES	(5)						
	-	2 41	o Al	<b>S</b>	1	e Al	2 2%	7	V 1%	VI 2.	71	* 1	*	Z AI	≥ 5/16	N NI	0 11
8	DNINE		39.4		45.9	7		0.65	6	4.64	ò		ò	50.8	0	-	51.4
AE	20000		49.3	;	57.4	6	3	0.19	61.5	91.0	2.	2.	3	3.	3.	63.5	3.
As	18000			24.9	57.5			-	-						9	63.6	63.9
Al	16000			*	57.5	6	6	-	61.6		2	3	2.		3	3	6
Al	0000			55.5	57.8	59.6	29.9		-:		62.8	3	63.2	63.5	63.6	63.9	
Al	13000			9	59.0	0	•		63.5				;	*	4	3	
Al	10000			6	4.29			.0			67.8	8					6
AI	9000		53.9	0		64.7	5	9.99	67.1	67.2	68.1	68.5		68.8	68.0	69.5	9.69
A	9000			*		6		-	2			•	3		*		74.8
A	2000			65.1	68.2	70.4	ċ	72.4			*	4.		14.8	4	75.2	75.6
A	9009			2.		0	0	5	3	3	4				3		75.6
IAI	2000			3	68.8	10.9			73.6	73.6	74.6				3	75.8	76.2
٨	4500			3	6	-	-				*	5.5			2		0
IAI	4000			;		72.1	72.4	74.1		;		4			.9	77.0	
A	3500			-	0				75.8			7.3	77.3	-	-		8
M	3000			-	*	-	-		0		-	3.1		3	2	3	
Al	2500	•	67.	2		81.4		83.6	84.3	84.3			85.8		.0	86.6	
AI	2000	0.	69	77.8	81.5		*		-	-	8	8.6			6	6	
Al	1800	0.		8	81.7	84.3	84.7		87.3	87.4	88.4		88.8	89.3	6	89.6	90.0
۸I	1500	0.	71.	0		86.1	. 9	*		89.2	0	0.7		:	:	-	
Al	1200	0.	71.	0	84.2		7.	6	0	•	-	1.7	41.7	2	2		
۸I	1000	0.		80.8	*	88.0	488	90.3	91.2	91.3	3	2.8			3		94.1
AI	906	0.		-	85.2	88.2	33	8.06	-	•	2	3.1	93.5	93.6			4.46
۸ı	008	0.		81.5		*	6		2.		•	3.9		;	*		95.2
٨١	700	0.		-	86.0		89.5		95.5	95.6		04	64.3	*	*	1.56	95.5
IAI	90	0.		-			6		2	6	4	4.7			5	95.6	0.96
Al	200	0.		2.		89.8		2.	93.5	3		5.4	42.4				96.7
AI	400	0.	73.1	82.1	86.6		0	93.1	0.46	1.46	3	0.9	1.96		•	97.1	97.4
Al	300	0.		82.2	. 9	30.5	0			94.5	•		1.96	-	4.76	47.7	
۸۱	200	0.		3.	0	•	8006	93.6	94.5			7.0	97.1		-		98.8
Al	100	0.	73.2	5	86.8	6.06	0		64.5	1. 96	4.96		97.1	0.86	98.1	•	49.66
٨١	•	0.	•	82.3	84.8	6.06	80.6	93.6	6.96			97.1	97.1	8	98.1	98.9	000

TOTAL NUMBER OF OBSERVATIONS

14608

CECIL FIELD, FLORIDA

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MON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155	2000
MEAN	SKY COVER	5.3	5.5	6.2	6.2	4.0	6.9	5.6	5.0	
	01	35.5	36.8	38.7	34.8	25.8	31.6	29.7	32.3	11.7
	٥	3.2 35.5	3.9	6.5 38.7	8.4	11.0 25.8	9.7 31.6	5.8	1.9 32:3	6.3 43.7
	8	6.5	5.2	11.0	12.9	16.8		7.7	7.1	7.0
KY COVER	7	3.9	4.5	2.6	4.5 12.9	9.7 16.8	7.7 10.3	5.2	3.2	
OF TOTAL S	•	2.6	2.6	1.3	1.9	3.9	3.9	5.8	3.2	
OF TENTHS	2	6.1	3.9	5.2	3.2	5.2	0.6	4.5	3.2	5.6
FREQUENCY	4	3.2	3.6	2.6	2.6	3.2	6.5	5.8	5.6	
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	6	5.2	4.5	4.5	1.3	3.9	3.9	5.8	5.8	
	2	5.2	6.5	3.9	6.5	2.6	3.2	5.8	7.1	
	-	3.2	1.9	4.5	3.2	6.9	3.2	4.5	5.6	
	0	7.62	27.7	19.4	20.6	13.5	12.9	19.4	31.0	
HOURS	(L.S.T.)	10	8	20	9	13	91	61	77	SI
	MONTH	JAN								TOTALS

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#### SKY COVER

CECIL FIELDA FLURIDA 93832 STATION

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	0.0r 0.0r	•	141	141	141	141	141	141	1		+	8611
MEAN	SKY COVER	3.9	4:4	5.3	4.9	5.1	8.3	5.0	3.6			4.7
	01	19.9	24.8	33.3	22.0	19.9	23.4	8.42	12.8			93.6
	6	10.4	3.5	2.1 33.3	10.6	7.8	6.6	4.9	2.8			5.6
	œ	5.0	5.7	4.0	7.1	13.5	8.5	5.0	7.1			7.3
SKY COVER	7	5.7	2.8	2.8	5.0	7.1 13.5	7.1	9.6	3.5			5.5
OF TOTAL	9	3.5	2.8	2.8	1.2	3.5	3.5	4.3	5.7			3.5
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	2	4.3	2.8	4.3	5.0	4.3	5.0	4.3	2.8	7		1.7
E FREQUENCY	4	4.0	4.9	4.9	3.5	2.8	3.5	3.5	11.3			8.8
PERCENTAG	6	7.8	7.1	7.8	5.0	5.7	6.3	5.0	5.7			6.1
	2	3.5	7.1	8.5	5.0	4.3	5.7	3.5	4.3			5.2
	-	2.8	3.5	4.3	5.7	5.7	2.8	4.3	6.3			4.2
	0	39.7	33.3	21.3	29.1	25.5	29.92	1.62	39.7			30.5
HOURS	(L.S.T.)	10	40	70	10	13	16	61	22			SIN
TACA	WOW I	20										TOTALS

0 0 0 0 0 0 0 0 0 0 0 0 0 0

SKY COVER

CECIL FIELD. FLORIDA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR 01 26.4 5.2 3.2 9.0 3.2 4.5 5.2 7.7 1.9 32.3 5.3 15.9 15.  MAR 01 26.4 5.2 3.2 9.0 3.2 4.5 5.2 7.7 1.9 32.3 5.3 15.9 15.9 15.9 15.9 15.9 15.9 15.9 15.9		HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
04 26.5 1.9 3.9 7.7 5.2 3.2 4.5 5.2 7.7 1.9 32.3 5.3 10 10 10.9 3.2 7.7 5.2 6.5 5.2 7.7 1.9 32.3 5.3 5.3 10 10.3 3.2 7.7 5.2 6.5 5.2 2.6 5.8 10.3 11.0 29.7 6.2 1.0 10.3 3.2 4.5 6.5 7.1 14.2 11.0 29.7 6.2 1.3 10.3 3.2 4.5 6.5 7.1 14.2 11.0 29.0 6.6 11.0 4.5 2.6 1.3 3.9 9.7 3.2 10.3 15.5 12.9 25.2 6.6 1.9 13.5 1.3 5.8 7.1 5.2 9.0 5.2 5.2 9.0 5.2 33.5 6.2 2.2 22.9 3.9 7.7 3.9 5.2 8.4 8.4 5.2 9.7 2.6 21.3 4.9 10.1 14.2 11.0 2.0 21.3 2.0 2	MONTH	(L.S.T.)	0	-	2	3	4	5	9	7	80	6	01	SKY COVER	OBS.
04       26.5       1.9       3.9       7.7       5.2       3.2       7.7       11.9       32.3       5.3         07       12.9       3.2       7.7       5.2       6.5       5.2       2.6       5.6       10.3       11.0       29.7       25.2       5.8         10       18.7       1.3       7.7       6.5       4.5       6.5       4.5       6.5       7.1       14.2       11.0       29.0       5.9       7.1       14.2       11.0       29.0       6.6         16       11.0       4.5       2.6       1.3       3.9       9.7       3.2       10.3       15.5       12.9       25.2       6.6         19       13.5       1.3       5.8       7.1       5.2       9.0<	MAR	10	28.4	5.2		9.0	3.2		3.9	3.9	5.6	5.8	27.1	4.9	155
10 18.7 1.3 7.7 5.2 6.5 5.2 2.6 5.8 10.3 11.0 29.7 6.2 10 18.7 1.3 7.7 6.5 4.5 4.5 .6 7.7 13.5 9.7 25.2 5.8 13 10.3 3.2 4.5 4.5 6.5 3.2 6.5 7.1 14.2 11.0 29.0 6.6 16 11.0 4.5 2.6 1.3 3.9 9.7 3.2 10.3 15.5 12.9 25.2 6.6 19 13.5 1.3 5.8 7.1 5.2 9.0 5.2 5.2 9.0 5.2 33.5 6.2 22 23.9 3.9 7.7 3.9 5.2 8.4 8.4 5.2 9.7 2.6 21.3 4.9 18.2 3.1 5.4 5.7 5.0 6.0 6.4 6.3 10.7 7.5 27.9 5.8		8	26.5	1.9	3.9	7.7	5.2	3.2	4.5	5.2	7.7	1.9	32.3	5.3	155
10 18.7 1.3 7.7 6.5 4.5 4.5 .6 7.7 13.5 9.7 25.2 5.8 13 10.3 3.2 4.5 4.5 6.5 3.2 6.5 7.1 14.2 11.0 29.0 6.6 14 11.0 4.5 2.6 1.3 3.9 9.7 3.2 10.3 15.5 12.9 25.2 6.6 19 13.5 1.3 5.8 7.1 5.2 9.0 5.2 5.2 9.0 5.2 33.5 6.2 22 23.9 3.9 7.7 3.9 5.2 8.4 8.4 5.2 9.7 2.6 21.3 4.9 18.2 3.1 5.4 5.7 5.0 6.0 6.4 6.3 10.7 7.5 27.9 5.8		07	12.9	3.2		5.2	6.5		5.6	5.6	10.3	11.0	29.7	6.2	155
13 10.3 3.2 4.5 4.5 6.5 3.2 6.5 7.1 14.2 11.0 29.0 6.6 16 11.0 4.5 2.6 1.3 3.9 9.7 3.2 10.3 15.5 12.9 25.2 6.6 19 13.5 1.3 5.8 7.1 5.2 9.0 5.2 5.2 9.0 5.2 33.5 6.2 22 23.9 3.9 7.7 3.9 5.2 6.4 8.4 5.2 9.7 2.6 21.3 4.9 19.1 3.5 3.1 5.6 5.7 5.0 6.0 6.4 6.3 10.7 7.5 27.9 5.8		9	18.7	1.3	7:7	6.5	4.5	4.5	9.	7.7	13.5	7.6	25.2	8.8	155
16 11.0 4.5 2.6 1.3 3.9 9.7 3.2 10.3 15.5 12.9 25.2 6.6 19 13.5 1.3 5.8 7.1 5.2 9.0 5.2 5.2 9.0 5.2 33.5 6.2 22 23.9 3.9 7.7 3.9 5.2 8.4 8.4 5.2 9.7 2.6 21.3 4.9 18.2 3.1 5.6 5.7 5.0 6.0 4.4 6.3 10.7 7.5 27.9 5.8		13	10.3		4.5		6.9	3.2	6.5	7.1	14.2	11.0	29.0		155
19 13.5 1.3 5.8 7.1 5.2 9.0 5.2 5.2 9.0 5.2 33.5 6.2 22 23.9 3.9 7.7 3.9 5.2 8.4 8.4 5.2 9.7 2.6 21.3 4.9 3.1 5.4 5.7 5.0 6.0 6.4 6.3 10.7 7.5 27.9 5.8		91	11.0	4.5	2.6	1.3	3.9	7.6	3.5	10.3	15.5	12.9	25.2	9.9	155
22 23.9 3.9 7:7 3.9 5.2 8.4 8.4 5.2 9.7 2.6 21.3 4.9 4.9 5.8 5.1 5.4 5.7 5.0 5.0 6.0 6.4 6.3 10.7 7.9 5.8		61	13,5		5.8	7.1	5.5	0.6	5.5	5.2			33.5	6.2	155
9.5 9.7 7.9 5.8		22	23.9	3.9	7.7	3.9	5.2	4.8	4.8	5.2	9.7	2.6	21.3	6.4	155
3.1 5.4 5.7 4.0 6.0 4.4 6.3 10.7 7.9 5.8															
18.2 3.1 5.4 5.7 5.0 6.0 6.4 6.3 10.7 7.9 5.8															
	Ď	TALS	18.2	1		7:5	3		1		10.7		27.9		1240

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SKY COVER

93832 CECIL FIELD, FLORIDA

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PERIOD

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1	HOURS				PERCENTAG	E FREQUEN	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	-	2	8	4	3	9	7	8	6	01	SKY COVER	08S.
APR	10	43.3	3.3	6.7	4.0	2.0	1.3	2.0	6.7	6.7	8.0	8.0 16.0	3.9	150
	*	38.0	4.0	8.0	4.0	6.7	2.7	2.7	2.0	0.9	4.0	4.0 22.0	1:4	150
	10	30.0	8.7	2.7	5.3	6.7		3.3 2.0	5.3	6.7		6.0 23.3	4.6	150
	10	30.0	7.3	2:7	0.0	5.3	9.3	4.7	6.7	8.7	0.4	15.3	4.3	150
	13	16.7	9.3	3.3	4:7	4.0	8.0	-	6.7 11.3	14.7	8.0	13.3	5.3	150
	10	19.3	6.7	2.0	5.3	0.0	6.0 10.0 6.0 10.0	0.9	10.0	9.3	6.7	18:7	5.3	150
	61	27.3	2.0	6.7	9.3	3.3	0.9	2.7		4.7 10.0	8.0	8.0 20.0	4.9	150
	22	38.0	5.3	3 11.3	5.3	6.7	0.9	2.7	3,3	3.3	1.3	3.3 1.3 16.7	3.5	150
TOT	TOTALS	30.3	5.8	5.4	5.4 5.5		5.3	3.7		6.3 8.2		18.2	5.8 18.2 4.5	1200

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SKY COVER

CECIL FIELDA PLORIDA

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS				PERCENTAG	E FREQUEN	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
(L.S.T.)	0	-	2	8	-	5	9	7	8	6	01	SKY COVER	088.
10	26.5	4.5	5.6	11.0	4.5	4.5		4.5 3.2 12.9 5.2 17.4	12.9	5.5	17.4	4.6	155
*	23.2	3.9	7.1	9.0	4.5	4.5 10.3	5.8	7:7	6.5	5,8	16.1	4.7	155
20	16.8	7.1	7.7	5.2	4.5	4.5 3.9 2.6 10.3 11.6 7.1 23.2	2.6	10.3	11.6	7.1	23.2	5.5	155
9	11.0	5.8	2.6	9.0	7.7	3.9	4.5	4.5 11.6 14.8 13.5 15.5	14.8	13.5	15.5	5.9	159
=	6.5	1.9	2.6	3.2	6.5		5.2	7.1 5.2 14.8 14.2 16.8 21.3	14.2	16.8	21.3	6.9	155
9	8.4	1.9	1:9	3.9	7.1	5.2		6.5 7.7 12.3 12.9 32.3	12.3	12.9	32.3	7.0	155
67	11.0	5.2	6.5	6.5	3.9	5.8	1.9	1.9 7.7 9.0 10.3 32.3	0.6	10,3	32.3	4.0	155
22	21.9	3.2	8.4	7.1	5.2	7.1 5.2 5.8 5.8 6.5 12.3 5.2 18.7	5.8	6.5	12.3	5.2	18:7	5.0	155
IOIALS	15.7	4.2	5.3	6.9		5.5 5.8	4.6		8.7 11.7 9.6 22.1	9.6	22.1	5.8	1240

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SKY COVER

CECIL FIELD, FLURIDA

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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	150	150	150	150	150	150	150	150		1200
MEAN	SKY COVER	5.1	4.6	5.5	5.9	7.1	7.7	7.6	4.0		4. 5. 7. 3. 4. 5 4. 7 1. 7. 1. 6. 3 33. 3. 4. 2 130.00
	10	17.3	14:7	18.0	10.0	14:7	30.7	43.3	29.3		22.3
	6	3.3 17.3	4.0 14:7	8.0	10.0	14.7	13,3	10.0	3,3		8.3
	80	13.3	8.7	5.3 8.0 10.0 8.0 8.0 2.0 5.3 16.0 8.0 18.0	6.0 13.3 18.7 10.0 10.0	2.0 2.0 7.3 10.0 7.3 14.0 25.3 14.7 14.7	2.0 13.3 20.0 13.3 30.7	5.3 9.3 10.0 10.0 43.3	3.3 6.0 5.3 11.3 16.7 3.3 29.3		16.1
SKY COVER	7	7 10.0 12.7 9.3 4.0 2.7 8.7 13.3	4.7 6.7 8.7	5.3	13.3	14.0	13.3	9.3	11.3		
OF TOTAL	9	2.7	4.7	2.0	8.0	7.3	2.0	5.3	5.3		4.7
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	2	4.0	0.0	8.0	8.7	10.0	0.0	5.3	0.0		4.4
E FREQUENC	1	6.6	10.0	8.0	10.0	7.3	7.3 6.0	5.3 2.7 5.3	3.3		7.0
PERCENTAG	6	12.7	3 12.0 12.0 10.0	10.0	4.7 5.3 10.0 8.7	2.0	4.0	5.3	6.7		7.3
	2	10.01	12.0	8.0	4:7	2.0	.,	3.3	4:7		K. 7
	-	4.7	5.3	5.3	4.0	7.		4.0	2.7		3.6
	0	14.0	16.0	11.3	7.3	2.0	2.0	1:3	10.7		
HOURS	(L.S.T.)	10	*0	70	9	13	10	67	22		ALS
	MONIN	NOS									TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18.7 4.5 10.3 9.0 9.0 5.8 7.1 8.4 9.0 20.0 5.2 12.9 10.3 11.0 7.1 3.9 6.5 9.7 11.0 7.1 10.3 11.0 9.0 11.0 10.1 11.0 10.1 11.0 7.1 7.7 7.7 10.8 25.8 11.0 9.0 11.0 10.1 11.0		HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
10 8.4 3.9 10 8.4 3.9 10 8.4 3.9 13 1.3 14 6.5 15 6.5 16 7.1 16 7.1 17 7.1 18 1.3 18 3.2 18 3.7	E .	(L.S.T.)	0	-	2	6	7	5	0	7	8	6	01	SKY COVER	OBS.
04 20:0 5:2 07 11:0 7:1 10 8:4 3:9 13 1:3 14 :6 3:9 22 5:8 3:2 22 5:8 3:2	-	10	18.7	4.5	10.3	9.0	9.0	5.8	7.1	9.6	0.6	3.2	14.8	4:7	155
10 8.4 3.9 13 14.3 14 6 3.9 19 6 3.9 22 5.8 3.2		*0	20.0	5.2	12.9	10.3	11.6	7.1		6.5	9.7		.6 12.3	4.2	155
10 8.4 3.9 10 6 3.9 22 5.8 3.2 2.2 5.8 3.2		10	11.0	7.1	10,3	5.8	9 . 4	9.0	4.5	10.3	11.0	6.5	16.1	5,3	155
19 .6 3.9 22 5.8 3.2 2. 5.8 3.2		9	8.4	3.9		7.1		11.00	9.0	11.0	1601	12,3	12.3	0.0	155
19 . 6 3.9 22 5.8 3.2 8.1 3.7		13		1.3			7.1	7.7	7.7	16.8	25.8	13.5	17.4	7.4	155
22 5.8 3.2		16		9.	1.3	5.2		8.4	7.1	9.7	13.5	12.9	33.5	7.6	155
22 5.8 3.2		61	4.	3.9	3.2	5.8		4.5	4.5	6.5	12.9	11.6	38.1	7.4	155
3.7		22	5.8	3.2	9.0	7.6	7.7	7.7	8.8	12.3	11.6	6,3	50.02	0.0	155
8.1 3.7															
B.1 3.7															
8.1 3.7															
THE STATE OF THE PARTY OF THE P	10	ALS	8.1	3.7	4.0	6.9	8.2	7.7	6.2	10.2	13.7	8.4	20.6	6.1	1240

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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAC	SE FREQUEN	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
WOW I	(L.S.T.)	0	-	2	6	+	5	9	7	<b>∞</b>	6	02	SKY COVER	088.
AUG	10	19.4	3.2	10.3	2 10.3 11.0	6.5	6.9	4.5		6.5 11.6		7.1 13.5	8.4	155
	8	18.7	7.1	9.7	9.7 17.4 11.0	11.0	5.8	6.5	9.4	5.5	902	7:7	3.9	155
	20	10.3	6.9	10.3	11.0	7.6	5 10.3 11.0 9.7 14.2 5.8	5.6	7.7	7.7 9.7	6,5	4.6	8.4	155
	9	3.9	1.9	6.1	4.5	1106	4.5 11.6 11.6	6.5	6.5 21.3 20.0	20.02	7,7	9.0	6.3	155
	13			.0			4.5 9.7 5.8 20.6 32.3 16.1 10.3	5.8	20.6	32.3	1001	10.3	7.5	155
	91		••	1.3		3.9	3.9 12.3	3.9	3.9 12.9 19.4 16.8 28.4	19.4	16.8	28.4	7.9	155
	67	2.6	1.3	1.9	3.9	7.7	7.7	4.5		9.0 11.6 12.9 36.8	12.9	36.8	7.5	155
	22	9.0	3.2	7.1	10.3	3.2	4.5	4.8		9.0 14.8		9.0 21.3	1.9	155
101	TOTALS	8.0	3.0	5.4	7.3		7.3 9.0 5.7 11.9 15.6	5.7	11.9	15.6		9.8 16.9	6.1	1240

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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

n in con	HOURS				PERCENTAG	SE FREQUEN	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIN	(LS.T.)	0	-	2	8	*	3	9	7	8	٥	01	SKY COVER	OBS.
SEP	10	18.0	5,3		8.0 11.3 9.3	9.3	7.3	0.4	4.0	6.0 10.0 3.3 19.3	3.3	19.3	4.8	150
	40	16.0	5.3	16.0	16.0 12.7	9.3	5.3	4.0	0.0	6.7		5.3 [5.3	4.6	150
	10	0.0	7.3	8.0	11.3	6.7	8.0 11.3 6.7 12.7 2.7 7.3 10.0 14.0 14.0	2.7	7.3	10.0	14.0	14:0	5.6	150
	9	0.9	2.7	2.0	3.3	4.0	4.0 10.0 6.7 23.3 17.3 10.7 14.0	6.7	23.3	17.3	10.7	14:0	9.9	150
	13	1.3		1,3	4.0	.,		6.7	15.3	6.0 6.7 15.3 35.3 15.3 14.0	15,3	14:0	7.6	150
	91	.,		.,	1.3	8.0		5.3	10.7	5.3 5.3 10.7 20.7 12.7 34.7	12.7	34.7	8.0	150
	19	3.3	2.7	3.3	5.3	5.3	0.9	5.3		8.0 12.0 7.9 41.3	7.3	41.3	7.4	150
	22	10.7	0.4	4:0	7.3	9.3	6.0 4.7	4.7		8.0 10.0		2,7 33,3	6.2	150
TOT	TOTALS	7.8	3.4	5.2	7.1	9.9	7.1 6.6 7.3 4.9 10.3 15.3 8.9 23.2	6.4	10.3	15.3	6.8	23.2	**	1200

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS					PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
LS.T.) 0 1 2 3	1 2	+	+	6		4	*	۰	7	80	٥	02	SKY COVER	OBS.
01 43.9 1.9 8.4 6.5	1.9 8.4	9.6		6.5		3.9	3.9	4.5	4.5	9.4	3.2	11:0	3.4	155
04 38.1 5.8 8.4 9.0	5.8 8.4	8 8.4	-	9.0	-	5.5	3.9	1.9	4.5	7.1	4.5	11:6	3.5	155
07 23.2 9.0 9.0 5.2	9.0 9.0	0.6 0		5.5		4.5	4.5	3.2	5.8	9.0	12.3 14.2	14.2	4:7	155
10 25.8 6.5 7.1 8.4	6.5 7.1	5 7.1	-	. 20		5.5	3.9	3.2	4.5	14.8	6.9	14:2	4.0	155
13 11:0 2:6 6:5 4:5	2.6 6.5	6.0	-	*		6.5	7.7	6.9		18.7	9.7 18.7 10.3 16.1	16.1	0.0	155
16 11.0 3.9 5.2 11.0	3.9 5.2	9 5.2		11.0		6.9	7.1	8.8	5.8	10.3	10.3 10.3 23.2	23.2	5.9	155
19 29.7 1.9 7.7 5.8	1.9 7.7	7:7		8.8		5.5	3.2	1.9	5.8	7.1	5.8	25.8	4.9	155
22 38.1 1.3 7.1 10.3	1 1.3 7.1	7.1		10.3		7.1	6.9	1.3	2.6	6.5	5.6	16.8	3.8	155
											10.7			
												1		
					1							. 1		
TOTALS 27.6 4.1 7.4 7.6	4.1 7.4	1 7.4	1	7.6	-	5.5	5.1	3.5	5.4	5.4 10.2	6.0	16.6	4.6	1240

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	-	2	6	4	5	9	7	80	6	01	SKY COVER	OBS.
NOV	10	31.3	2.7	8.0	6.7	6.7	0.4	2.7	5.3	8.0	4.0	4.0 20.7	4.5	150
	*	31.3	1.3	4:7	5.3	7.3	7.3	4.0	4.0	6.7	4.0	24.0	4:7	150
	70	14.7	3.3	0.0	9.3	4.7	8.7	4.7		2.7 12.0	7.3	26.7	5.8	150
	9	7.92	0.0	4:7	3.3	6.7	2.0	4.7	7.3	8.0	8.0	22.7	9.0	150
	13	16.0	3,3	1.3	2.0	4.7	5	0.9	7.3	7.3 20.0 10.7 23.3	10.7	23.3	6.9	150
	91	14.0	4:7	2.0	6.0	7.3	7.3	4.7	11.3 10.7	10.7	9,3	22.7	0.9	150
	19	22.7	3.3	0.0	0.0	7.3	0.4	0.0	0.9	1.8	0.0	24.0	5.2	150
	22	32.7	2.0	6.7	4:7	0.4	4.7	4.7	5.3	4:0	0.4	27.3	4.8	150
TOT	TOTALS	23.7	3.3	4.9	5.4	6.1	5.4	4.7	6.2	9.8	6.7	23.9	5.3	1200

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	-	2	8	1	25	9	7	80	6	0	SKY COVER	NO. OF
OEC	10	31.6	1.9	4.5	5.5	3.5	6.1	6.5	4.5	5.8	1.3	33.5	5.1	155
	40	31.0	1.3	2.6	7.7	2.6	4.5	2.6	2.6	5.5	3.5	36.8	5.3	155
	70	20.6	5.2	4.5	7.1	1.9	5.2	9.	5.2	6.5	7.1	36.1	8.9	155
	10	21.3	6.5	5.2	5.6	5.5	7.1	9.	2.6	11.6	5.5	32.3	5.6	155
	13	18.7	4.5	7.7	3.2	3.2	5.8	6.5	5.2	0.6	0.6	9.0 27.1	5.7	155
	91	16.8	3.2	3.9	9.4	7.1	3.9	3.9	3.9	8.4	8.4	31.6	0.0	155
	19	24.5	5.8	5.8	5.8	3.2	4.5	3.2	5.2	6.5	3.2	32.3	5.3	155
	22	32.9	4.5	4.5	6.9	3.2	1.3	4.5	3.2	4.5	2.6	32.3	4.8	155
101	TOTALS	24.7	4.1	4.8	5.8	30.60	4.3	3.6	1:4	7.2	9.0	5.0 32.8	8.8	1240

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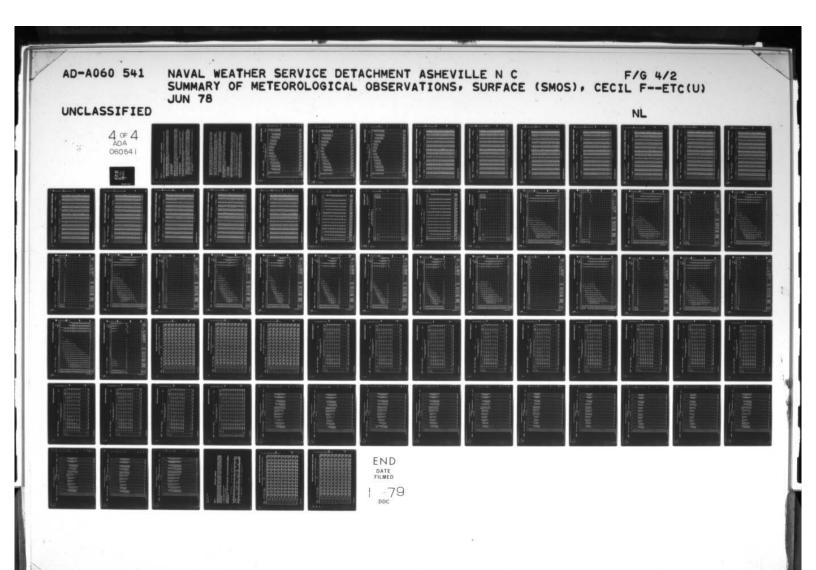
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOIIBS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	-	2	6	4	5	9	7	80	6	01	SKY COVER	OBS.
JAN	ALL	21.8	3.5	5.1	4.4	3.4	4.5	3.2	5.2	7.6	6,3	33.2	5,8	1240
FEB		30.5	4.2	5.2	6.1	5.5	401	3.5	5.5	7.3	5.6	22.6	4.7	1128
MAR		18.2	3+1	5.4	5.7	5.0	6.0	4.4	6.3	10.7	7.5	27.9	5.8	1240
APR		30.3	5.8	5.4	5.5	5.1	8.8	3.7	6.3	8.2	5.8	18.2	4.5	1200
MAY		15.7	4.2	5.3	6.9	5.5	5.08	4.0	8.7	11.7	9.6	22.1	5.8	1240
MAL		8.1	3.4	5.7	7.3	7.2	8 . 0	4.7	4.7 10.2	16.1	8,3	22.3	6.2	1200
100		8.1	3.7	4.9	6.9	2	7.7	6.2	10.2	13.7	8.4	50.02	1.0	1240
AUG		8.0	3.0	5.4	7.3	7.3	0.6	5.7	5.7 11.9 15.6	15.6	8.6	16.9	6.1	1240
SEP		7.8	3.4	5.2	7.1	9.9	7.3	6.4	10.3	15.3	8.9	23.2	4.9	1200
130		27.6	4:1	7.4	7.6	5.5	5.1	3.5	5.4	10.2	6.9	16.6	4.6	1240
NON		23.7	3.3	4.9	5.4	1.9	5.4	4.7	6.2	9.8	6.7	23.9	5.3	1200
DEC		26.7	119	8.8	5.8	3.8	6.3	3.6	-	7.2	5.0	32.8	5.5	1260
101	TOTALS	18.7	3.8	5.5	6.3	5.8	0.0	4.4	7.5	11.3	7.4	23.4	5.6	14608



#### PART E

## PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
- Daily maximum temperature
  - Daily minimum temperature
    - .. Daily mean temperature
- deviations are computed for months and annual when four or more walues are present for any column. Two tables Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared: a
- a. Extreme maximum temperature b. Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
- Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

A percentage frequency in this table of ".0" represents one or more occurrences amounting to less

- Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\sum X^2)$ , sums of values  $(\sum X)$ , means  $(\overline{X})$ , and standard deviations  $(\sigma X)$ . The number of observations used in the computations for each element is also shown. ۏ
- dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in At the lower right of the form are given the mean number of hours of occurrence for six ranges of the annual summary, or mean number of hours per month in the tabulations by month. .
- Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- .. Dry-bulb temperature
- . Wet-bulb temperature
- c. Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. è,
- Percentage frequency of occurrence of dry-bulb temperature versus wind direction This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm). 9

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### DAILY TEMPERATURES

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CECIL FIELD, FLURIDA STATION NAME

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

2 95	TEM	TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
99 91 12.0 1.1 6.0 10.9 2.1 5.6 4.9 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	AI	100						8		.7					.2
85	AI	95					0.9	10.9	21						5.0
85 9.9 2.1 13.0 34.4 68.0 85.3 92.3 75.9 27.1 35.1 6.8  90 22.6 22.6 28.2 31.5 63.3 97.6 99.5 100.0 99.6 97.7 81.7 47.3 23.7  91 22.6 22.6 28.4 51.5 63.3 97.6 99.5 100.0 99.6 97.7 81.7 47.3 23.7  92 22.6 22.6 28.4 58.4 98.3 97.6 99.5 100.0 100.0 99.6 98.7 81.7 47.3 23.7  93 22.4 96.5 97.8 97.8 100.0 100.0 99.6 98.7 99.7 99.8 77.0 100.0 99.7 99.8 77.0 100.0 99.7 99.8 77.0 100.0 99.2 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 100.0 99.8 77.0 77.0 100.0 99.8 77.0 77.0 100.0 99.8 77.0 77.0 100.0 99.8 77.0 100.0 99.8 77.0 77.0 100.0 99.8 77.0 77.0 100.0 99.8 77.0 100.	AI.	96			1.0	7.7	31.6	52.8	16						23.1
80 9.3 12.2 31.5 83.5 89.1 96.3 99.5 97.6 99.3 81.7 23.6 81.1  70 38.2 47.6 26.6 87.3 99.9 100.0 99.6 99.7 81.7 81.7 81.7  80 53.2 47.6 82.9 83.3 98.3 100.0 100.0 99.6 93.7 61.7 81.7  80 92.4 96.2 99.9 100.0 100.0 100.0 99.7 99.7 99.7 99.7 99.7 99.7 99.7	AI	8.5	6.	2.1	13.0	34.4	68.0	85.0	N				3.1	•	42.3
75 22.6 28.8 31.5 83.3 97.6 99.5 100.0 99.6 97.7 47.3 28.7 47.8 6.9 83.1 97.6 99.5 100.0 100.0 100.0 100.0 99.6 93.5 41.1 90.1 90.9 98.7 103.9 41.1 99.9 100.0 100.0 100.0 99.6 7 103.9 91.1 99.9 98.7 103.9 91.1 99.9 98.7 103.0 99.7 99.8 97.8 87.8 95.0 99.1 99.0 99.1 99.1 99.1 99.1 99.1 99	A	90	9.3	12.2	31.5	62.8	89.1	96.3					23.6		57.9
10 38.2 47.5 68.4 94.1 99.5 100.0 100.0 99.6 99.5 67.5 41.7 100.0 69.9 99.5 67.5 41.7 100.0 69.9 99.7 100.0 69.9 97.8 100.0 69.9 97.8 100.0 99.1 99.7 100.0 99.7 100.0 97.2 88.9 100.0 99.4 99.7 100.0 97.2 88.9 100.0 99.4 99.9 100.0 99.9 100.0 99.9 99.7 99.4 100.0 99.4 99.7 99.7 99.4 100.0 99.2 99.9 99.7 99.4 100.0 99.4 99.2 99.9 99.7 99.4 100.0 99.2 99.9 99.4 100.0 99.4 99.4 100.0 99.4 99.4 100.0 99.4 99.4 100.0 99.4 99.4 100.0 99.4 99.4 100.0 99.4 99.4 100.0	AI	75	22.6	28.8	51.5	83.3	97.6	99.3					47.3	- 1	70.1
65 53.7 62.9 63.5 98.3 99.9 100.0 100.0 99.7 93.8 60.1 60.0 69.8 99.7 92.8 60.1 60.0 69.8 72.8 69.9 99.7 92.8 63.9 75.8 63.9 65.1 99.9 100.0 99.3 100.0 99.3 100.0 99.3 100.0 99.3 100.0 99.9 99.3 100.0 100.0 99.9 100.0 99.9 99.8 99.0 99.0 99.0 99.0 99.0	AI	70	38.2	47.5	4.89	94.1	99.5	100.0		-			67.5		79.6
95 69.8 78.6 92.1 99.9 100.0 100.0 99.7 92.8 17.0 95.2 95.9 95.9 95.8 95.0 95.2 95.9 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.2 95.0 95.0 95.2 95.0 95.0 95.0 95.2 95.0 95.0 95.0 95.0 95.0 95.0 95.0 95.0	AI	69	53.7	65.0	83.3	98.3	6.66				6.66		83.5		67.0
95 92.1 89.5 97.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9	AI	00	69.8		92.1	6.66	100.0				100.0				92.7
90.1 99.2 99.9 100.0 100	AI	53	\$2.1	89.5	97.8							-			96.4
99.7 99.4 99.9 100.0 100	AI	20	92.4	96.0	86.3	100.0							99.3		98.7
99.2 99.9 100.0 10	AI	4.5	96.1	99.2	6.66								99.7	1	99.5
35 100.0 100.0 1  MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 73 750 755 750 775 750 100.0 10	A	04	99.2	6.66	100.0								100.0		6.66
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 50.1 10.762 9.922 9.259 6.702 5.626 4.710 3.859 4.399 4.897 6.450 8.286 9.389 11 1054.08. 767 766 806 806 806 806 873 775 750 775	AI	35	100.0											100.0	100.0
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 86.8 7 30.0 87.4 80.3 77.7 86.8 7 30.0 87.4 80.3 77.7 86.8 7 30.0 80.6 80.6 77.7 80.0 80.6 80.6 77.7 80.0 80.6 80.6 77.7 77.8 80.3 77.7 77.8 80.3 77.7 77.8 80.3 77.7 77.8 80.3 77.7 77.8 80.3 77.7 77.8 80.4 77.7 77.8 80.4 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77	A														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 3 70.4 08. 767 708.08. 780 80.6 780	AI														
MEAN 65.2 67.V 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 5.0 10.762 9.529 6.702 3.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 1 1074.08. 767 706 806 780 806 773 775 750 775	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 35.0 10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	AI														
MEAN 65.2 67.7 73.7 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 50.0 10.762 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 50. 10.762 9.952 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 50. 10.762 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	A														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 S.0. 10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	A														
MEAN 65.2 67.7 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 30. 10.762 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11 707AL 08. 767 706 806 773 775 750 775	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 5.0. 10.762 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11 TOTAL 085. 767 706 806 780 806 773 775 750 775	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 50. 10.762 9.259 6.702 5.626 4.710 3.855 4.897 6.450 8.268 9.389 11 7054.085 775 775 775 775 775 775	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 S.D. 10.762 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.208 9.389 11 10.74.08. 767 706 806 780 806 806 773 775 750 775	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 70.1 0.762 9.922 9.259 6.702 5.626 4.710 3.855 4.897 6.450 8.268 9.389 11 10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.897 6.450 8.268 9.389 11	Al														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 70.1 0.762 9.922 9.259 6.702 5.626 4.710 3.855 4.897 6.450 8.268 9.389 11 10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.897 6.450 8.268 9.389 11	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 7 5.0. 10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11 10.74 08. 767 706 806 780 806 780 806 773 775 750 775	Al														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 70.1 0.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11 10.74 08. 767 706 806 780 806 806 773 775 750 775	A														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 70.1 0.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11 7074 08. 767 706 806 780 806 806 773 775 750 775	AI														
MEAN 65.2 67.9 73.9 81.0 86.6 89.4 91.3 90.6 87.4 80.3 72.7 66.8 70.1 0.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11 TOTAL OBS. 767 706 806 780 806 780 806 780 806 773 775 750 775	AI														
S.D. 10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	AI														
S.D. 10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	AI														
10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	AI														
10.762 9.922 9.259 6.702 5.626 4.710 3.855 4.395 4.897 6.450 8.268 9.389 11	*	EAN	2.59				86.6	4.68	91.3	9006	87.4	80.3	15.7		40.64
767 706 806 780 806 780 806 806 773 775 750 775		.0.					8.626	4.710		4.395	4.897	1	8.268		11.876
	TOT	11 OBS.	767	106			908	780		808	773		750		9330

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NAVWEASERVCOM

### DAILY TEMPERATURES

CECIL FIELD, FLORIDA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

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58.3 12.624 9330 42.6 54.9 74.4 74.4 82.9 82.9 100.0 100.0 100.0 26.6 ANNOAL 34.5 65.7 93.3 99.9 10.059 9.591 8.885 6.676 5.023 3.296 2.371 2.345 3.638 7.697 9.51610.256 767 70 806 780 806 806 773 775 775 750 775 18.5 100.0 DEC. 20.00 73.1 99.2 100.0 Š 100.0 10.6 80.1 OCT. 98.3 90.9 SEP. 9.7 100.0 100.0 AUG. 99.3 ĭ 92.2 99.1 100.0 Ň 95.3 12.5 53.8 100.0 MAY 15.3 68.5 86.2 4.96 99.8 100.0 9 43.3 APR 95.2 87.0 99.4 19.6 4.1 MAR. 100.0 19.4 33.6 52.4 0.96 99.7 8.8 69.7 86.1 FEB. 77.6 97.8 5.7 15.6 30.8 45.6 Y 220224422020 TOTAL OBS. TEMP (PF) MEAN S.D. AI AI AI M AI AI AI AI A A A Al A AI AI M AI M AI

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NO

### DAILY TEMPERATURES

CECIL FIELD, FLORIDA STATION NAME

53-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

	AI .	AI	٨١	AI	1	AI	Al	AI	٨	AI	AI	AI	AI	AI	AI	ΛI	AI	AI	AI	AI	AI.	٨	AI	2	AI	AI	AI	AI	AI	٨١	A	٨١	AI .	۸۱ ۸		
TEMP (°F)	80	88	80	7.9	10	69	09	55	90	49	04	35	30	25																					MEAN	S.D.
NA.					0.9	17.7	33.4	0.64	68.3	84.0	93.9	98.3	99.7	100.0																					54.5	9.721
E.				1.3	9.2	22.1	39.7				97.3	99.6	-																						86.8	8.977
WAR.				7.7	23.0	45.4	66.9		95.6	98.4																									65.5	8.375
APR			1.7	20.3	-				1.66																										- 11	5.863
MAY		-	18.4				6.66	-																											75.6	4.439
N.				0.46																															- 11	3.179
JUL.	7.				-	(																													11	2.439
AUG.						-																													81.3	2.774
SEP.		1.0	51.5	89.3	97.3	99.7	100.0																												78.9	3.580
OCI.								98.7	6.66	100.0																									8.07	6.428
NON									92.9			6.66	100.0																						6119	8.212
DEC.				.5	8.0	19.2	36.4	55.1	74.5	88.9	97.0	99.5	6.66	100.0																					96.0	440.6
ANNOAL		2.7	25.2	43.4	36.6	67.6	77.9	85.4	92.3	96.8	99.0	99.8	100.0	100.0																					1.69	11.920

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# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLURIDA STATION NAME

93832 STATION

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1953-1977

YEARS

MONTH JANUARY

	MEAN TEMP	EMP		Σ	MAXIMOM LEWIN	MIL			2	MINIMOM LEMP	MF	
L	AVERAGE	NGE	AVERAGE	GE	EXTREME	EME		AVERAGE	36	EXTREME	EME	
DAY	<b>.</b>	၁့	<b>L</b> 0	၁့	9°	၁့	DATE	٩,	၁့	J₀ F	၁ွ	DATE
-	57.6	14.2	68.3	20.2	82	27.8	1975+	46.8	8.2	28	-2.2	1956
2	54.2	12.3	64.6	18.1	82	27.8	1973	43.9	9.9	28	-2.2	1956
3	55.5	13.1	65.7	18.7	82	27.8	1966	43.2	7.3	29	-1.7	1964
4	54.7	12.6	0.99		85	29.4	1972	43.5	4.9	30	-1.1	1963
5	54.6	12.6	65.6	18.7	63	28.3	1972	43.7	6.3	30	-1.1	1976#
9	55.6	13.1	66.3	19.1	79	26.1	1974#		7.1	53	-1.7	1959
7	54.7	12.6	65.2	18.4	77	25.0	1974		6.8	30	-1.1	1970
8	51.7	10.9	62.2		80	26.7	1975	41.2	5.1	22	-5.6	1970
6	52.8	11.6	64.3	17.9	8.5	29.4	1974	41.2	5.1	12	-6.1	1970
10	53.5	11.9	63.7	17.6	84	28.9	1974*	43.4	6.3	22	-5.6	1970
11	52.2	11.2	62.0		86	30.0	1972	45.4	5.8	27	-2,8	1970
12	52.3	11.3	62.1	16.7	83	28.3	1975	45.4	5.8	28	-2.2	1959
13	52.3	11.3	63.8		83	28.3	1972	8.04	4.9	26	-3.3	1962
14	54.1	12.3	9.49	18.1	79	26.1	1971	43.6	4.9	22		1961
15	54.9	12.7	65.8	18.8	80	26.7	1974	0.44	6.1	22	9*5-	1961
16	52.3	11.3	63.0	17.2	8.1	27.2	1974	41.5	5,3	62	2.1-	1972
17	6.69	6.6	9000	15.9	78	25.6	1953	39.2	0.4	23	0.6-	1977
18	53.3	11.8	64.3		83	28.3	1953	42.3	5.7	21	-6.1	1977
19	53.4	11.9	63.2	17.3	8.1	27.2	1963*	43.7	6.9	22	-5.6	1977
20	53.0	11.7	4.49	18.0	80	26.7	1963*	41.7	5.4	22	9.5-	1977*
21	53.3	11.8	8.49	18.2	82	27.8	1959*	41.7	5.4	19	-7.2	1971
22	54.8	12.7	67.2	19.6	8.1	27.2	1974	42.4	5,8	24	7.4-	1961
23	35.6	13.1	66.5	19.2	85	29.4	1974	44.8	7.1	25	6'6-	1960
24	55.3	12.9	66.3	19.1	84	28.9	1974	44.3	8.9	2.5	6.6-	1960
25	54.8	12.7	66.2	19.0	94	28.9	1974	43.4	6.3	24	+*+-	1963
26	57.0	13.9	68.5	20.3	8.5	29.4	1974	45.6	7.6	29	-1.7	1977
27	56.4	13.6	68.2	20.1	84	28.9	1974	44.7	7.1	32	0.0	19714
28	55.7	13.2	67.4	19.7	83	28.3	1974*	44.0	6.7	25	6.6-	1971
29	54.8	12.7	65.7	10.7	83	28.3	1975	43.8	9.9	30	-1.1	19764
30	55.9	13,3	68.6	20.3	87	30.6	1975	43.2	6.2	21	-6.1	1966
31	56.1	13.4	67.7	19.8	85	29.4	1973	4.44	6.9	21	-6.1	1966
Monthly	K 4.2	1.61	6.89	18.4	87	30.6	1075	43.3	6.3	10	-7.2	1071

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\*ALSO ON EARLIER YEARS

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#### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

1953-1977

CECIL FIELD, FLORIDA

STATION NAME

93832 STATION

YEARS

FEBRUARY

MONTH

		DAY									6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MEAN TEMP	AVERAGE	٥, ٩	97.9	58.4	55.7	53.6	55.3	57.7	58.4	54.2	\$3.4	84.8	96.0	94.6	53.6	54.7	57.6	58.1	36.7	86.8	58.3	56.7	56.7	56.7	56.7	58.7	58.3	57.3	58,3	99.66	56.3			-
EMP	GE	o°.	14.4	16.7	13.2	12.0	12.9	14.3	16.7	12.3	11.9	12.7	13.3	12.6	12.0	12.6	14.2	14.5	13.7	13.8	14.6	13.7	13.7	13.7	13.7	14.8	16.6	14.1	14.6	19.3	13.5			
	AVERAGE	٥,	9.69	69.2	66.3	63.5	67.0	68.3	69.2	65.0	63.7	9099	68.1	0.99	66,3	68.3	6.69	4.69	67.1	67.2	68.5	67.2	68.7	67.8	67.5	70.3	69.1	68.8	70.2	72.3	69.2			
2	AGE	၁ွ	20.9	20.7	-	17.5						19.2			19.1	20.2	21.1	20.8	19.5	19.6	20.3	19.6		19.9	100	-	400	20.4	21.2		20.7			
MAXIMUM TEMP	EXTREME	٥,	85	83	86	84	86	84	83	8.	85	63	81	82	82	84	RI	84	82	87	98	84	67	85	86	88	83	89	87	98	79			
MP	EME	၁့	29.4	28.3	30.0	28.9	30.0	28.9	28.3	28.9	29.4	28.3	27.2	27.8	27.8	28.9	27.2	28.9	27.8	30.6	28.9	28.9	30.6	29.4	30.0	31.1	28.3	31.7	30.6	30.0	26.1			-
		DATE	1975	1975+	1997	1957	1957	1957	1957	1957	1957	1957	1965*	1965	1959	1959	1976#	1975	1976#	1975	1975*	1961	1953	1961	1975*	1962	1977*	1962	1962	1962	1976#			The second secon
	AVERAGE	, F	46.2	47.6	45.2	43.6	43.6	47.2	47.5	43.4	43.0	43.0	43.8	43.3	41.0	41.2	45.4	46.8	46.2	46.3	48.1	46.2	44.6	45.6	45.9	47.0	47.4		40.4	46.8	1			The second second second second
		၁ွ	7.9	8.7	7.3	4.9	4.9	9.4	8.6	6.3	6.1	6.1	9.9	6.3	5.0	1.2	7.4	8.2	7.9	7.9	6.8	7.0	7.0	7.6	7.7	8.3	8.6	7.6	8.0	8.2	4.9			The second name of the second na
MINIMUM TEMP	EXTREME	9°F	28	31	28	27	27	25	62	31	30	56	97	28	25	27	31	33	56	23	.27	50	28	30	32	32	28	22	28	32	37			
MP	EME	၁ွ	-2.2	-0.6	-2.2	-2.8	-2,8	-3.9	-1.7	-0.6	-1.1	-3.3	-3,3	-2.2	-3.9	-2.8	9.0-	9.0	.3,3	-5.0	-2.8	-1.7	-2.2	-1.1	0.0	0.0	-2.2	-5.6	-2.2	0.0	2.8			Contract of the last of the la
		DATE	1977	1971	1966	1970*	1966	1966	1977	1976	161	1971	1971	1955	1955	9561	1461	*4461	8561	1958	1958	1988	1958	1977*	1963	*9967	1961	1961	1974#	1968*	1961			The second secon

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\*ALSO ON EARLIER YEARS

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# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLORIDA

STATION NAME

93832 STATION

12595 9/981

RIDA

1947-1947 1953-1977

YEARS

MARCH

1966 1966 1962 1960 1969 1956 1971 1955 1955 1955 1955 1968 9.0-0.0 9.0 1:1: 0.0 0.0 1:1 0.0 2.2 3.9 9.0 3,3 9.0-2.2 9.0 2.2 1:1 1:1 -. EXTREME MINIMUM TEMP 34 36 34 36 34 98 2 9.9 7:4 8.0 12.0 40.6 9.2 11:03 11.2 4.6 11.2 9.3 4.6 10.9 \*\*\* 2.1 AVERAGE 50.8 49.0 49.4 48.7 53.6 52.3 52.6 46.2 52.0 48.2 43.4 52.2 1965 1975\* 1977\* 1976# 1976# 1972 1964 1974 1963 1964 1974 1965 1968 1968 1961 1964 1975 1975 1961 1968 1954 30.6 33.9 30.6 29.4 30.6 28.9 30.0 30.0 32.8 32.8 30.6 30.6 30.0 30.6 32.8 33.3 32.2 33.3 31.7 31.1 31.1 31.7 31.1 31.7 28.9 31.1 EXTREME MAXIMUM TEMP 87 22922 8 4 86 8 8 93 88 24.2 21.9 24.3 22.4 20.6 24.5 24.0 23.4 20.6 21.3 20.6 24.3 23.3 23.6 21.8 24.1 AVERAGE 74.8 69.1 75.8 75.6 73.8 78.1 78.2 71.4 71.2 74.4 71.2 72.8 74.2 78.0 75.5 74.6 74.7 75.7 16.0 14.9 17.6 15.6 16.6 7.7 15.6 14.0 17.3 17.2 16.6 19.6 13.2 14.2 18.8 18.3 17.7 17.8 17.7 17.3 16.2 17.1 17.3 18.8 15.9 16.1 MEAN TEMP AVERAGE 60.8 58.9 0.40 \$7.6 60.9 63.7 63.0 63.9 63.2 61.2 0.09 65.8 64.9 63.9 80.8 63.8 63.5 62.8 61.8 59.3 63.2 60.1 61.8 60.7 Monthly DAY 9 12 15 16 9 = 13 14 17 18 19 20 21 22 23 24 25 56 27 23 30 28

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ALSO ON EARLIER YEARS

5 DAILY AVERAGE/EXTEME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

1947-1947 1953-1977

YEARS

APRIL

MONTH

				-		-		JIA!	
	AVERAGE	EXTREME	EME		AVERAGE	36	EXTREME	EME	
	၁ွ	۰,	၁့	DATE	, F	၁့	9°F	၁ွ	DATE
-	25.9	92		1977	55.0	12.8	43	6.1	1964
3	25.7	92	33.3	1414	55.7	13.2	45	7.2	1962
8	26.0	92	33.3	1977	53.8	12.1	04	4.4	1962
		93	33.9	1977		13.4	40	4.4	1975
8		88	31.1	6461		13.5	36	3.9	1961
5		94	34.4	1.461		13.4	38	3.3	1974
2	26.2	90	32.2	1961	55.3	12.9	37	2.8	1974
6		93	33.9	1968		13.3	40	4.4	1971
1		16	32.8	8961		12.9	74	6.1	1971
2		16	32.8	1968	54.7	12.6	14	5.0	1976
		06	32.2	1962	96.6	13.7	69	6.1	1973*
6	26.8	90	32.2	1965	57.9	14.4	43	1.9	1973
4		92	33.3	1974	56.7	13.7	4.4	6.3	1968
80		16	32.8	1972	96.6	13.7	24	9.6	1959
	26.9	63	33.9	1972	56.9	13.8	63	6.1	1959
4		93	33.9	1972	56.2	13.4	45	5.6	1962
3		92	33,3	1961	55.3	12.9	36	3,3	1962
6		93	33.9	1961	57.3	14.1	4.1	8.3	1954
2		16	32.8	0461	57.7	14.3	48	8.9	1974*
*	27.4	06	32.2	1972*	58.9	14.9	48	8.9	1956
3	27.4	92	33,3	1968	59.4	15.2	43	6.1	1953
1	28.9	93	33.9	1970	99.0	15.0	42		1962
3	29.1	92	33.3	1961	60.5	15.8	20	10.0	1962
6	29.4	92	33.3	*9261	60.2	15.7	52	11.1	1962
1	28.4	92		1958	89.9	15.5	48		1968
0	27.8	06		*1461	59.7	15.4	44	6.7	1974
0		06	32.2	1970	59.8	15.4	69	7.2	1977
_		62		1970	59.4	15.2	94	7.8	1977
0	28.9	95		1970	59.5		**	6.7	1961
2	29.0	63		1962	61.5	10.4	64	9.6	1973
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\*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

STATION 93832

CECIL FIELD, PLURIDA

STATION NAME

#### 5725 DAILY AVERAGEEXTREME TEMP MAR 197

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLURIDA

STATION NAME

STATION 93832

1947-1947 1953-1977

DAILY AVERAGE/EXTREME TEMPERATURES

MONTH MAY

2         83.5         28.6         94         34.4         1974           1         83.4         28.6         93         33.9         1955           2         85.8         29.9         95         35.0         1977           2         85.8         29.9         94         34.4         1962           4         85.8         29.9         94         34.4         1962           8         86.0         28.9         94         34.4         1962           8         86.0         28.9         97         35.0         1974           8         86.2         30.1         98         36.1         1967           8         86.6         30.2         100         37.2         1963           8         86.1         30.6         93         35.0         1967           8         86.2         30.6         93         35.0         1963           8         86.2         30.6         93         35.0         1963           8         86.2         30.6         94         35.0         1964           8         86.3         31.2         96         36.1         1962	MINIMUM TEMP	AVERAGE	o, J,	2.2	2.3 1	2.0 1	15.	15.	0.7 15.9	16.	_	17.	-	_	17	-	3.7 17.6	-	=	-	4.0 17.	-	.8 18.	.1 18.	.2 19.	.9 18.	1 9.9	7.1 1	7.1 1	7.1 1	7.0 19.	7.0 19.	66.6 19.2	-	17.8
2 88.0 5 28.0 6 94 33 33 33 34 35 35 35 35 35 35 35 35 35 35 35 35 35			DATE	1962	7	1967	1974	1955	1955	1977	1962	1962	1974	1973	1967	1967	1967	1961	1947	1963*	1947	1963*	1962	1962	1962*				1962	1967	1967	1967		-	
2 2 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MAXIMUM TEMP	EXTREME					34	33	33								37	35	36	33	33							38.	37.	37.	38.	36.	33.	35.	•
	MAXI		°° °°		28.8		28.6																1:		30.8	31.1	30.4	31.7	31.6	0	31.1	31.2	31.3	31.9	20.2
		AVERAGE	, F	84.2	83.8	84.4	83.5	83.4	84.1		5.	3	4	5		:	:	-	-	-	-	_	:	89.0	87.5		86.7	89.1	68.9	87.6	88.0	88.1	88.3	89.4	84.4
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			၁့	22.9	22.8	22.9	22.2	22.1	22.4	23.3	23.2	23.4	22.8	23.7	23.9	24.0	23.9	24.3	24.1	24.0	24.3	24.3	24.8	25.1	24.9	24.9	24.8	23.6	25.6	25.2	25.3	25.3	25.2	25.7	. 76
11111111111111111111111111111111111111	MEAN TEMP	AVERAGE	J. D. J.	3.2 22.9 84	8	6	1.9 22.2 83	1.7 22.1 83	•	23.3	23.2	23.4	22.8	23.7	23.9	24.0	23.9	7 24,3	3 24.1	2 26.0	7 24.3	6.	24.8	25.1	9 24.9	24.9	6 24.8	.1 25.6	0 25.6	.3 25.2		9	9	668	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
		_	DAY			3		5	9		8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	53	30	31	

\*ALSO ON EARLIER YEARS

**DIRNAVOCEANMET-SMOS** 

### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

1947-1947 1953-1977

CECIL FIELD, FLORIDA

STATION NAME

93832 STATION

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\*ALSO ON EARLIER YEARS

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#### 5725 DATLY AVERAGE/EXTREME TEMP MAR 1978

DAILY AVERAGE/EXTREME TEMPERATURES

CECIL FIELD, FLORIDA

STATION NAME

1947-1947 1953-1977

ATOR

MONTH

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AVERAGE		AVERAGE	AGE	EXTREME	EME		AVERAGE		EXTREME	ME	
	၁့	٥,	၁့	٥,	၁့	DATE	J₀ F	၁့	٥,	၁့	DATE
1.5	27.5	91.5	33.1	86	36.7	1969	71.5	-		17.8	1970
81.8	27.7	92.0	33.3	67	36.1	1970#	71.5	21.9		19.4	1975*
81.4	27.4	91.5	33.1	96	35.6	1972#	71.3	21.8	63	18,3	1970
80.9	27.2	90.8	32.7	4.6	36.1	1972	71.0	21.7		18.3	1970
1.0	27.2	91.0	32.8	46	36.1	1969	71.1	21.7		17.8	1947
81.2	27.3	91.3	32.9	86	36.7	1969	71.1	21.7	63	18.3	1975
81.5	27.5	91.5	33.1	26	36.1	1954	71.5	21.9	99	17.8	1947
6.08	27.2	90.7	32.6	86	36.7	1966	71.2	21.8		18.3	1972
6.08	27.2	90.0	32.2	96	35.6	1962	71.7	22.1	89	20.0	1965
81.1	27.3	90.3	32.4	86	36.7	1962	72.0	22.2		20.0	1947
81.2	27.3	8.06	32.7	16	36.1	1973#	711.7	22.1	67	19.4	1972*
81.3	27.4	91.2	32.9	44	36.1	1966	71.4	21.9	*0	17.8	1963
1.3	27.4	91.2	32.9	16	36.1	1962	71.5	21.9	69	20.6	1974*
81.9	27.7	92.1	33.4	16	36.1	1973	71.6	22.0	67	19.4	1974
82.1	27.8	91.9	33.3	66	37.2	1976	72.3	22.4	69	18.3	1974
61.9	27.7	91.3	32.9	86	36.7	1976	72.5	22.5	67	19.4	1974
6118	27.7	92.1	33.4	86	36.7	1976#	71.8	22.1	69	18.3	1974
81.3	27.4	0	32.7	6	36.1	1971	71.8	22.1	67	19.4	1974#
11.6	27.6	91.5	33.1	6.4	36.1	1963*	71.8	22.1	89	20.0	1961
81.9	27.7	91.7	33.2	66	37.2	1973		22.3	67	19.4	1974
1.5	27.5	90.8	32.7	101	38.3	1973	72.2	22.3	69	20.6	1974#
1.6	27.6	91.0	32.8	26	36.1	1954	72.1	22.3	19	16.1	1965
81.3	27.4	91.3	32.9	96	35.6	1972*	71.3	21.8		17.8	1965
82.1	27.8	92.0	33.3	66	37.2	1961	72.3	22.4	64	19.4	1967*
1.5	27.5	90.8	32.7	67	36.1	1971*	72.2	22.3	67	19.4	1977*
11.3	27.4	90.3	32.4	86	36.7	1968	72.3	22.4	69	20.6	1973#
1.8	27.7	91.8	33.2	100	37.8	1968	71.9	22.2	69	20.6	1961
82.1	27.8	1.	33.3	100	37.8	1972	72.3	22.4			1974#
82.4	28.0	92.3	33.5	100	37.8	1972	72.5	22.5	68		1970
82.0	27.8	91.6	33.2	66		1961		22.3	99		1954
81.6	27.6	91.3	32.9	100	37.8	1961		22.2	99	18.9	1954
			-		1	-	-		-		

\*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION 93832

525 DAILY AVERAGE/EXTEME TEMP MAR 1978

# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLORIDA STATION NAME

STATION 93832

1947-1947 1953-1977

AUGUST

MONTH

										MINISTER PERMIT	INI	
	AVERAGE	AGE	AVERAGE	AGE	EXTREME	EME		AVERAGE	GE	EXTREME	EME	
DAY	<b>4</b> °	၁့	٠ ١	၁	<b>4</b> °	၁့	DATE	, F	၁့	4°	ွ	DATE
1	81.4	27.4	91.0	32.8	86	36.7	1970*	71.7	22.1		18.9	1961
2	82.5	28.1	92.9	33.8	66	37.2	1970	72.1	2.	99	18.9	1961
3	82.2	27.9	92.2	33.4	86	. 9	1970*	72.1	22.3		19.4	1974
4	82.2	27.9	92.3	33.5	100	37.8	1954	72.2	2.	49	19.4	1974
2	82.1	27.8	92.0	33,3	101	38.3	1972	72.2	22,3	68	20.0	1974#
9	1.18	27.6	91.5	33.1	100	37.8	1963	71.8	22.1	49	19.4	1973
7	81.7	27.6	92.0	33,3	100	37.8	1956	71.4	21.9	99	18,9	1963
8	81.9	27.7	91.5	33.1	86	9	1968	72.3	22.4	68	20.0	1970*
6	81.2	27.3	90.8	32.7	96	35.6	16961	71.5	-	99	20.0	1973*
10	81.6	27.6	91.4	33.0	96	35.6	1971*	71.8	22.1	68	20.0	1973
=	81.5	27.5	91.2	32.9	86	. 9	1971		22.2	99	18.9	1973
12	81.3	27.4	90.3	32.4	66	37.2	1971	72.3	2	68	20.0	1967
13	80.8	27.1	90.1	32.3	96		1954	71.5	:	49	17.8	1967
14	9009	27.0	90.2	32.3	86	36.7	1953		-	49	17.8	1961
15	80.8	27.1	90.0	32.2	95	35.0	1957*	71.7	5.	40	17.8	1961
16	80.8	27.1	90.9	32.7	96	9996	1966*	70.8		99	17.8	1961
17	81.8	27.7	91.5	33.1	100	7.	1954	72.1	2.	99	18.9	1974
18	81.2	27.3	90.7	32.6	66	37.2	1954	71.7	22.1	99	18.9	1974
19	81.0	27.2	6.06	32.4	86	. 9	1966*	71.7	22.1	68	20.0	1968*
20	80.7	27.1	89.8	32.1	100	37.8	1966	71.6	22.0	89	20.0	1974
21	80.8	27.1	90.3	32.4	96	35.6	1971*	71.2	21.8	68	18,3	1973*
22	80.7	27.1	90.2	32.3	86	36.7	1971	71.3	21.8	49	17.8	1973
23	80.5	26.9	89.7	32.1	96	35.6	1966*	71.4	21.9	69	18.3	1973
24	80.1	26.7	89.2	31.8	56	35.0	1968*	71.0	21.7	99	18.9	1973
25	80.4	26.9	89.2	31.8	96	35.6	1968*	71.5	21.9	99	18.9	1957
26	6.08	27.2	90.06	32.6	66	35.0	1968	71.3	21.8	89	20.0	1969#
27	80.8	27.1	6.68	32.2	64	36.1	1954	71.7	22.1	99	18.9	1969
28	80.2	26.8	89.2	31.8	44	36.1	1954	71.3	21.8	99	17.8	1968
29	80.0	26.7	6.88		86		1970	71.2		99	•	1968
30	60.7	27.1	89.7	32.1	96	9.56	1963	71.7	22.1	99	20.0	1969
31	80.2	26.8	88.7		44		1970	71.7		64		1961
Monthly	81.1	27.3	90.06	2.	101	38.3	1972	71.6		79	17.8	1973*

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\*ALSO ON EARLIER YEARS

# DAILY AVERAGE/EXTREME TEMPERATURES

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

CECIL FIELD, FLORIDA STATION NAME

1947-1947 1953-1977

SEPTEMBER

MONTH

		DATE	966	896	972	896	196	196	972	972	216	986	+696	+946	4496	196	196	196	196	+946	196	956	796	4246	996	196	196	975*	986	962	962
			4	8	3 1	1 6	1 2	1 6	1 6	17.8 1	1 0	1	17.8 1	1 8.	.8 1	15.6 1	. 1	1 8	15.6 1	1 8	1 8	17,2 1	17.8 1	16.7	14.41	19.61	1 0.	1 +	1 8.	13.3	.2 1
MINIMUM TEMP	EXTREME	<b>,</b> ₽	67	19	69		63		99	10	19	61	99	10	99	09	62	19	90	49		63	10	62	98	09	- 65	88	58	26	24
MIN		၁့	21.9	21.7	21.8	21.7	21.7	21.7	21.7	21.9	21.6	21.7	21.4	21.3	20.9	20.5	20.7	50.0	20.7	20.9	20.8	21,1	21.1	21.0	20.3	20.4	20.3	20.7	20.4	20.2	20.0
	AVERAGI	₽°	71.5	7100	71.3	71.1	71.1	71.0	71.1		40.04	71.0	70.5	70.4		6.89	69.3	9.69	69.3	69.7	4.69	0.04		8.69	9.89	68.7	68.5	69.2	8.89	68.4	
		DATE	1970	1970	1970	1947	1970	1970	1975	1977	1977*	1977	1970	1962	1963	1972	1972	1972	1972	1970	1972*	1954	1961	1970	1973*	1964	1961	1961	1977	1977*	1972
1P	ME	၁့	36.7	37.2	5	2	35.6		36.7	33.9	3	35.6		34.4	8	35.0	35.6	35.6	35.0	35.0	34.4	33.9	34.4	33.9	33.3	33.3	34.4	35.6	34.4	33.9	34.4
MAXIMUM TEMP	EXTREME	H <sub>o</sub>	86	66	96	96	96	96	86	63	63	96	66	*6	95	96	96	96	86	98	96	63	96	66	92	92	76	96	46	63	76
	36	၁့	32.1	32.1	32.1	32.3		31.7	31.5	31.1	31.1	31.1	31.1	30.6	30.6	30.6	30.2	30.9	31.3	30.9	31.4	30.9	30.9	30.7	29.7	29.0		30.1	29.7	29.4	29.1
	AVERAGE	٠ ١		89.8	6		89.5	89.1	88.7	7.	-		87.9	-	-	-	86.3	87.6		7.		87.6	1.	87.3	5	84.2	85.4		85.4	•	
116	-	၁့	27.0	26.9	27.0	27.0	26.8	26.7	26.6	26.5	26.3	26.3	26.2	25.9	25.8	25.5	25.4	25.9	26.1	25.9	26.1	26.0	20.0	25.8	25.0	24.7	25.0	25.3	25.1	24.8	24.5
MEAN TEMP	AVERAGE	<u>u</u> ,	80.6	90.4	80.6	9008	80.3	80.1	19.9	79.7	79.4	79.4	79.2	78.7	78.4	77.9	17.8	78.6	78.9	78.7	78.9	78.8		78.5	77.0	76.5	77.0	17.6	77.1	76.7	76.1
		DAY	-	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

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\*ALSO ON EARLIER YEARS

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STATION 93832

#### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

OCTOBER	MONTH
1947-1947 1953-1977	YEARS
CECIL FIELD, FLURIDA	STATION NAME
93832	STATION

	MEAN LEMP	EMP		2	NO VINCENT				AI		IM	
	AVERAGE	IGE	AVERAGE	AGE	EXTREME	EME		AVERAGE	GE	EXTREME	ME	
DAY	<b>L</b> °	<b>5</b> °	ı.	၁့	H <sub>o</sub>	၁့	DATE	٩,	ပ	J° €	၁ွ	DATE
-	76.6	24.8	86.5	30.3	96	34.4	1973*	8.99	19.3	96	13.3	1974*
2	76.0	24.4	-		46	34.4	1977	66.3	19.1	57	13.9	1970*
3	75.1	23.9	84.0	28.9	93	33.9	1971	66.2	19.0	52	111.1	1974
4	74.5	23.6	83.1	28.4	63		1971	63.9	18,8	90	10.0	1974
2	74.2	23.4	83.2		06	2.	1966	65.2	18.4	53	11.7	1964
9	74.2	23.4	83.1	28.4	92	33.3	1971		18.5	52	1111	1961
1	74.4	23.6	83.3	28.5	89	1.	1976*	65.6	18.7	53	11.7	1964
8	74.7	23.7	84.6		93	33.9	1968	64.8	18.2	55		1964
6	74.2	23.4	83.7	28.7	16	32.8	1970		18.2	98	13.3	1972
10	72.6	22.6	82.4	28.0	68	31.7	1959	65.9	17.2	53	11.7	1976
	71.8	22.1	81.6	~	89	31.7	1959	62.0	16.7	20	10.0	1971
12	71.2	21.8	81.2	27.3	98	30.0	1973+	61.2	16.2	25	11.1	1976*
13	71.8	22.1	61.5	~	88	31.1	1969	62.0	16.7	848	6.8	1977
14	72.3	22.4	81.7	-	16	32.8	1970	62.8	17.1	1+	5.0	1977
15	71.6	22.0	91.1	27.3	96	32.2	1971*	62.1	16.7	04	4.4	1977
16	71.4	21.9	61.0	-	16	32.8	1973	61.8	16.6	45	7.2	1977
17	70.4	21.3	79.5		68	31.7	1972	61.2	16,2	42	5.6	1977
18	69.2	20.7	79.6		93	33.9	1972	58.8	14.9	39	3.9	1977
19	68.9	20.5	.6	26.5	87	30.6	1972*	58.2	14.6	47	8.3	1961
20	9.99	19.2	76.5	:	87		1965	56.7	13.7	44	8.3	1967*
21	67.3	19.6	77.8	25.4	89	31.7	1969	56.9	13.8	42	5.6	1961
22	68.6	20.3	78.5	3.	87	30.6	1969	58.7	14.8	41	5.0	1976
23	69.2	20.7	79.4		88	31.1	1972	59.1	15,1	**	6.7	1976
24	4.69	20.8	79.7	6.	88	31.1	1972		15.1	43	•	1974
25	67.5	19.7	77.2	25.1	84	28.9	1977*		14.4	++		1965*
26	65.8	18.8	3	24.6	85	29.4	1977*	55.3	12.9	42	•	1962
27	65.6	18.7	77.0	-	86	30.0	1963		12.4	42	9.6	1968*
28	65.9	18.8	76.2		88	31.1	1963	5.	13,1	37	•	1957
29	65.0	18.3	74.8	3	83	28.3	1974*	5.	12.9	40		1968*
30	65.3	18.5	75.0	23.9	84	28.9	1961	99.6	13.1	37	2.8	1973
31	65.9	18.8	75.7	24.3	86	30.0	1961		13.4	00	4.4	1963
Monthly	106	31.4	2 00		70		1000	9 67		**		1000

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\*ALSO ON EARLIER YEARS

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# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT

CECIL FIELD, FLORIDA

STATION 93832

ASHEVILLE, NORTH CAROLINA

STATION NAME

1947-1947 1953-1977

MONTH NOVEMBER

1994 1968\* 1970 1976 1976 1976 1976 1976 9969 1970 1954 1968 1971 1968 -9.0 3.9 -0.6 0.0 9.0 9.0 -0.0 +++ 9.0 0.0 -5.0 0.0 -2.2 2.8 2.2 -1.1 -1.1 : -1:1 EXTREME MINIMUM TEMP 23 5 8 36 10.3 95.00 1.00 0.01 11:1 11.2 9.6 6.6 4.6 0 0 0 10.5 6.6 12.1 AVERAGE 50.6 49.2 53.3 51.9 50.5 49.0 52.8 50.7 50.4 51.8 49.5 47.2 50.9 48.7 6.64 52.1 45.7 19584 1974\* 1975\* 1975\* 1961 1973 1972 1972 1955 1964 1973 1973 1961 1972 1974 1957 1973 1973 1957 29.4 28.9 31.7 30.6 30.6 28.9 30.0 28.9 28.9 28.3 27.8 29.4 28.3 28.9 28.9 28.3 30.0 28.3 30.6 27.8 27.2 EXTREME **MAXIMUM TEMP** 68 8 4 8 8 84 83 8 8 9 8 9 8 4 6 89 4 8 8 87 8 8 8 8 8 22.9 22.2 22.4 22.4 22.5 22.6 22.6 23.4 23.4 24.1 22.6 23.9 21.9 22.3 21.6 22.8 21.9 23.1 21.3 21.4 20.2 24.7 AVERAGE 72.7 73.6 70.8 74.6 73.2 72.0 72.4 71.8 72.7 76.5 75.3 74.4 71.5 70.4 71.5 70.6 8.69 73.0 72.5 73.1 72.1 16.9 18.0 17.5 17.6 17.4 15.5 17.4 16.9 16.7 16.1 16.2 16.4 16.3 16.9 18.2 15.9 14.9 15.6 15.2 16.4 15.8 16.1 14.3 16.2 MEAN TEMP AVERAGE 010 63.5 63.3 63.5 62.0 60.5 95.4 84.8 63.7 6009 59.8 61.6 62.5 61.2 61.6 61.3 9.09 59.3 57.7 Monthly DAY 9 15 16 8 19 20 22 = 12 13 14 21 25 28 29 17 23 24 56 30 S 9 œ 6 27 31

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'ALSO ON EARLIER YEARS

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### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

1947-1947 1953-1977

MONTH DECEMBER

CECIL FIELD, FLORIDA STATION NAME STATION 93832

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\*ALSO ON EARLIER YEARS

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1961 1961 1961 1962

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Monthly

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MAXIMUM TEMPERATURE

CECIL FIELD, FLORIDA

93832 STATION

53-77

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	<b>£</b>	MAR.	APR.	MAY	, N	JUL.	AUG.	SEP.	OCT.	NON	DEC.	MONTHS
4.9			90	76	46	36	76	86					
53		87	88	88	101	66	97	86	92	90	83	00	
34	28	18	89	68	68	100	4.6	100		88	28	40	
25	78	80	87	86	62	66	76	46	6	8	4 8	0.0	66
96	44	83	8.1	88	96	66	66	100	16	87	83	*8	100
57	82	98	84	87	95	36	46	96	40	83	67	11	16
28	7.4	7	980	35	26	66	66	66	96	76	88	7.8	66
29	82	48	82	80	6	96	96	96	63	63	90	78	96
09	78	8	82	8.	96	16	96	66	06	89	98	75	96
61	73	8.5	89	06	56	20	100	44	96	86	88	48	100
29	28	89	85	6.6	100	66	86	46	95	63	82	80	100
63	82	80	68	06	88	16	16	100	93	88	82	4	100
40	90	49	10	68	76	100	56	96	96	16	63	98	100
65	80	82	87	06	36	66	68	36	63	06	20	20	95
99	82	82	985	68	92	66	96	100	*6	06	73	18	100
67	82	82	06	63	101	60	76	99	*6	89	36	86	101
99	08	7.8	92	66	63	66	100	86	68	63	8	83	100
69	08	80	40	06	60	96	86	96	92	6	63	5	86
10	69	-	88	95	88	102	96	66	66	16	20	83	102
7.	82	87	88	06	65	56	16	66	92	66	81	87	60
7.2	98	63	97	63	06	16	100	101	96	63	68	98	101
73	8	20	92	89	97	66	101	16	**	30	87	*	101
*	88	82	66	36	24	66	96	66	86	8	68	18	66
25	87	91	06	06	96	46	**	96	86	06	96	19	96
10	81	83	88	92	16	9.5	66	96	63	26	82	66	66
11	2	83	88	63	95	102	16	96	96	40	63	2	102
								7					
MEAN	80.7	82.3	86.9	- 11	8.46	9.96	96.7	96.9	1.96	2.06	84.6	80.9	98.9
S. D.	3.460	3.247	3.417	164	2.944	2.609	2.164	2.226	2.092	2.954	2.200		2.222
TOTAL OBS.	704	106	806		908	780	908						626

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MAXIMUM TEMPERATURE

53-77

CECIL FIELD, FLURIDA

93832 STATION

/BASED ON LESS THAN FULL MONTHS/

¥ /	4.3		88	*s					A 10 10 10 10 10 10 10 10 10 10 10 10 10		MEAN	S. D.	TOTAL ORG
JAN.			e e										ŀ
<b>£</b>													
MAR.													
APR.													
MAY													
JGN.													
JUL.													
AUG.									Section of the second				
SEP.	96	24		94									
OCT.													
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MONTHS	MAX TEMP	-	MAX TEMP	MAX TEMP									The second secon

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MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

53-77

CECIL FIELD, FLURIOA

93832 STATION

WHOLE DEGREES FAHRENHEIT

MONTHS				25	28	21	23	57	25	23	12	24	22	27	21	22	52	52	21	19	28	*2	25	25	58	2	23.4	3.57	468
DEC.		27	27	50	31	12	31	28	97	23	77	27	32	62	53	32	54	31	92	45	30	58	53	52	53	22	27.6	5.179	366
NOV.		37	52	30	67	38				40	36	35	14	30	30	36	30	30	62	35	34	86	30	31	28	35	33.4	5.033	AB C
OCT.		42	-	40	22	37	0	40	31	43	24	04	24	;	4.5	4.7	36	25	25	20	20	37	64	4	*	2	45.0	5.339	-
SEP.		40		89	55	69	29	99	68	70	24	62	09	99	98	64	29	63	24	63	29	69	29	28	69	6	61.8	4.945	
AUG.	99	89	67	70	69	99	69	10	99	69	99	99	89	89	67	40	40	99	89	69	99	**	99	• •	89	\$	67.8	1.784	
JUL.	79	10	99	70	69	70	10	20	7.5	69	99	49	99	5	99	99	99	9	90	*	69	60	69	69	9	61	6.79	2.576	
JON.	65	6.5	09	19	58	99	63	99	88	200	0	63	10	20	09	63	99	62	63	29	09	99	6.9	60	10	3	62.4	3.101	
MAY	55	28	53	58	37	52	90	09	64	25	35	51	58	52	99	53	26	20	16	4.7	09	4	55	66	51	53	53.4	3.613	
APR.	20	43	4.1	48	45	48	6.5	45	69	96	38	*	63	4	64	;	43	4 2	9.6	0	94	43	37	40	10	\$	44.1	3.514	-
MAR.	28	42	32	33	34	34	36	38	62	36	30	36	0.	35	34	04	31	33	35	30	36	36	37	35	38	34	34.4	3.575	
5		33	36	25	38	36	52	35	35	35	33	82	35	31	52	22	30	58	12	92	30	62	52	32	-	88	36.0	4.286	
JAN.			35	53	28	88	12	77	52	*2	97	50	22	27	12	31	97	30	12	19	8.2	92	45	30	56	21	26.5	5.217	
YEAR	47	53	24	55	96	57	36	66	90	10	29	63	10	63	99	67	68	69	10	=	72	73	1.	73	16	=	MEAN	S. D.	

MINIMUM TEMPERATURE

CECIL PIELD, FLORIDA

93832 STATION

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53-77

/BASED ON LESS THAN FULL MONTHS/

WEAR	JAN.	E	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL
4.1									26				-
53	33												MIN TEMP
96									62				MIN TEMP
						100				# E-10-10-10-10-10-10-10-10-10-10-10-10-10-	100		
MEAN													
S. D.													
TOTAL OBS.													

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Temp.							WET BUL	B TEMPER	ATURE D	PRESSIO					1			-	N.
(F)	0	1.2	3.4	5 - 6	7 - 8	9 - 10	11 - 12 13	13 - 14	- 14 15 - 16 17	. 18 19	- 20 21 - 2	22 23 - 24	4 25 - 26	27 . 28 29	. 30 ≥ 31	11 D.B./W.B.	.B. Dry Bulb	-	Wet Bulb Dew Point
86/ 85									•1								1	-	
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38/ 37	.2	-	1.5			•										-		48	55
		-		•	•	•										,			39
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		.5	1.0	•	•														27
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		•	9.																28
																			20
																	2		12
1			.1														2		60
																			2
1 =		Σx2			Z×		×	σ×		No. Obs.				Mean No.	o. of Hours	with	Temperature		
Rel. Hum.											) =	0 F	≥ 32 F	≥ 67 F	≥73	F ≥80	-	293 F	Total
Dry Bulb																			
Wet Bulb																			
				The second second			Contract of the last	Contraction of the last	The second second	-			-					-	

MONTH

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1						WET B	ULB TE	APERATU	RE DEPR	WET BULB TEMPERATURE DEPRESSION (F)	(F)						1	TOTAL		TOTAL	
Temp.		1	4.4	7.8		111.1	2 13 .	14 15.	16 17 -	18 19 .	9. 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29	22 23 .	24 25 -	26 27 .	28 29 .	. 30	231 D.	3./W.B. C	ory Bulb	Wet Bulb	Dry Bulb Wet Bulb Dew Point
: 1	T	+	+		_		-	-	+	1	-	-	-	-	-						14
18/ 17																	1				13
14/ 13	-					-	-	-	-	-	-	-	_	_		_	-				16
12/ 11							-	+	-	1	-	+	+	+	+	+	+	+			7
-																					J. : V.
8/ 7	1	1		1	-	+	+	+	+	+	+	+	+	+	-	+	+				*
66														-	-	-	+	1			~
1 /2									,	,	1.								1240		1240
TOTAL	2.634.922.113.4	922	113.4	3.4	0.0	0 *	6.0		7.7		-	+	+	+	+	+	-	1240		1240	
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		-	-	-	-	-	-	-		-											
Floment (X)	. 2v2	-	+	×××	1		+	a x	ž	No. Obs.	-				Aean No	of Hou	rs with	Mean No. of Hours with Temperature		-	
Rel. Hum.	69	4093	1	896	610	72.3	19	.349		1240		≥ 0 F	≤ 32 F	- 1	₹ 67 F		- L	≥80 F	- 73 F	<u>.</u>	Total
Dry Bulb	39	6232	0	680	160	54.9		3.414		1240			43	- 1	142.8	1	0000	20.4	•	+	
Wet Bulb	32	9405	-	620	590	50.1		.303		1240			73.2	- 1	40.		1		+	+	1000
Dew Point	27	2793668	00	55852	152	45.0		4.978		1240	-		169	30	5.4		1	1	1	1	1000
		-																			

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## PSYCHROMETRIC SUMMARY

Things	STATION	1			•	STATION NAME									YEARS					HONTH	11
Note																			-	A GE	1.8.7.3
9 9 1 2 3 4 5 6 7 8 9 10 11 12 13 12 13 12 12 23 23 23 23 23 23 23 24 18 18 18 18 18 18 18 18 18 18 18 18 18	Temp.							VET BULB	TEMPER	ATURE DE	PRESSION	(E) Z						TOTAL		TOTAL	
93   93   94   95   95   95   95   95   95   95	(F)	0	•			8		1 - 12	3 . 14 1		- 18 19	2		24 25 .	2	29 .	≥ 31		_	Wet Bulb	Dew Poi
1   1   1   1   1   1   1   1   1   1	8 /9							•	-	200				-				2	24		
73	-									4			-	-							
7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7						.1				. 2											
1	-	2					4.											18	13		
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71	-	3			•	•	.3	.2	9.									27	27		
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#### 505 PSYCHROMETRIC SUMMA JAN 68 PAGE 1

PSYCHROMETRIC SUMMARY

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57 .2 .8 1.4 .8 .5 .1 .1 .2 .1 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	66 66
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43 .7 .2 .4	21
41   5   2   2   1	16
7 39 6 3 . 2 1 7 39 1 . 2 2 7 31 2 1 7 29 7 27 7 25 8nt (X) \$\times \times \tim	11
7 37 1 . 2 . 2 1 7 3 3 1 . 2 1 7 3 4	14
7 3 3 1 2 1 1 2 2 1 1 2 2 2 2 2 2 2 2 2 2	30
7 3 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11 4 7
/ 27 / 25 ent (X) \(\Sigma \chi_X \times^2 \times^2 \chi_X \times \(\Times^2 \chi_X \times^2 \chi_X \times^2 \chi_X \times^2 \tim	2
/ 29 / 27 / 25 / 25 / 25 / 25 / 25 / 25 / 25 / 25	
/ 27 / 25 / 25 / 25 / Wh  Hum  Bulb  50	
ent (X) \(\Sigma \times	-
0 1	
Dry Bulb	± 0 F = ± 32 F = ± 73 F
Wet Bulb	
Pau Beine	

CECIL FIELD, FLURIDA

(LS.T.)	TOTAL Dr. Bulk   Wet Bulk   Dew Point	sn c	-0-	1239												Total	744.0	200
 HOURS (L.S.T.)	TOTAL Wes Bulls				1239											-	L	
	Dry Bulh			1239												293 F		
	TOTAL D.B./W.B.				1239										Merch No. of House	≥ 80 F	76.9	
	> 31															≥73 F	189.2	
	8 20 30															-	~	
	26 27 . 2			-			-									-	+	-
	WET BULB TEMPERATURE DEPRESSION (F)			4		+									-	≤ 32 F		
	. 22 23			1.0												≥ 0 F		•
	ON (F)			1.6			+								1	0	0	
	WET BULB TEMPERATURE DEPRESSION (F)			2.7		1									2	1240	1239	1
	ERATURE	2		4.7												00	.242	
	SULB TEMP			3 6.4											9	00	=	
	WET E		-	8.2 6.3					-				1-i-	1-3	D	6.69	6.49	
	7.8 0.	-		9.2			+		-	-	-				-	86616	80400	
	4.4 7								+							86	80	
	1	-		4.023.919.112.4			1	+								6570970	5373702	
	1.3			23.9											×2	657	537	
															7			
	Temp.	24/ 23	-	16/ 15 TOTAL											8	Rel. Hum.	Dry Bulb	The state of the s

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WET BULB TEMPERATURE DEPRESSION (F)  4 5.6 7.8 9.10   11.12   13.14   15.16   17.18   19.20   21  2 2 2 6 7.8 9.10   1.12   13.14   15.16   17.18   19.20   21  2 2 3 8 5 1.0 6 5 6 6 8 6 6 6 1 6 6 6 6 6 6 6 6 6 6 6 6 6
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CECIL FIELD, FLORIDA

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-	2.5.7.3		Wet Bulb Dew Point	2	1500		Total	720.0	75000
	PAGE 2 HOURS (LS.T.)	TOTAL	Vet Bulb		17500		-	+	1
	۵		Dry Bulb V		0021		293 F		
		TOTAL			0021	Mean No. of Hours with Temperature	≥80 F	100.4	
			131			tours with	=73 F	40047	000
			28 29 . 30			No. of		393.0 4	
			25 - 26 27 - 2		•	Med	+	3	
			23 - 24 25 -		•		≥ 32 F		
			. 22 23		6.		± 0 F		
		ON (F)	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22		3:1	-	00	05	00
		DEPRESSI	17 - 18		0.0	No. Obs.	1200	1200	1200
		WET BULB TEMPERATURE DEPRESSION (F)	4 15 - 16		<b>7.</b>	×	902	7.544	4000
		BULB TEM	12 13 - 1		0		60	-	-
		WET	10 11 .		0.0	×	9.49	0.00	27.
			7 - 8 9 -			×	77518	71838	0601
			5 . 6						
			3.4		50.5		1372	5081625	2170
			1.2		.917.020.510.6	 2x2	553	200	100
		d	0 (	23		(X)	fum.	Bulb	Wet Bulb
-		Tem	(F)	24/	T07AL	Element (X)	Rel. Hum.	Dry Bulb	Mei

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	Wet Bulb Dew Point											2	6	20	09	162	208	196	175	118	80	34	32	34	27	21	19	14	3	NM	1240		Total	744.0	744.0	744
TOTAL	et Bulb		1			_		_		-	3	15	64	120	159	217	218	151	114	10	39	32	20	20	-	m	-		1		1240		-			,
- 1	Dry Bulb W	-	2	12	18	30	28	30	86	73	78	65	69	75	121	140	132	8	46	36	54	16	30	4	0	7			1		1240		≥93 F	9.0		
_	D.B./W.B. Dr	-	2	12	18	30	38	53	86	73	78	6.5	69	75	121	140	132	9.4	46	39	24	16	2	4	6	1					1240	of Hours with Temperature	≥80 F	224.4	1.8	
T	131 D																															lours with	≥73 F	375.0	113.4	
- 1	. 30				1																															١
	27 - 28 29	7																		_									1		~	Mean No.	≥ 67 F	610.8	469.	700
	25 - 26 2					7.																									:		32 F			
	. 24			.2		.2																									s.		٧ì		_	
	1 - 22 2		1	.3	4.		.2	.2		.1																					1:4		≥ 0 F			
ON (F)	10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23		-	-	4.	.2	. 2	.2	.2	4.		. 2																			2.0		04	0	0	-
EPRESSI	7 - 18 1		1		.2	4	0	9.	*	• 1			. 2	.2																	3.4	No. Obs.	1240	1240	124	
ATURE C	5 - 16 1		1		.3		1.5		1.0	9.	.2		. 2	•																	1.0	H	.3	0	0	
TEMPER	3 - 14 1		1		-	4.	1.0	1.0	1.1	8		.2		.2		2															0.0	σ×	6.6	8.660	5.20	
WET BULB TEMPERATURE DEPRESSION (F)	1 - 12 1				7	.2	9	1.1	2.1	1.5	1.0	6.	. 2	.2	. 1		.2														4.	<b>×</b>	73.0	74.2	4.	
>	9 - 10						2	10	1.4		1.7		9.	.2	4.	.2	-	.2													7.7	Н				t
	7 - 8							.2	9.	8	1.5	1.3		0		2.	. 2	1.	.2	.2											7.4	Z×	90518	92041	13557	
	5.6							7.		.3	1.0	1.	1.4	1.4				.2		4.											7.9		5	5	•	•
	3 - 4									1.	7		6	1.9	5.0	4.0	3.3	1.6		9.	9.		. 2	7							8.3		265	1827	1973	7 . 0
	1.2											.2			4.8	4.6		3.8					. 2			-:					24.51	$\Sigma x^2$	7100	6924827	5663	
	0													.2	•		2.0	6.	4.	.2	.1	.1									6.12					
à		46	95	63	91	68	87	8.9	83		19		75	73	71	69	67	69	63	61	59					64	47	45	63	39	-	nt (X)	fum.	Sulb	Bulb	+
Tem	(F)	186	196	146	92/	106	88/	86/	84/	82/	80/	78/	76/	14/	72/	10/	68/	199	149	62/	109	58/	56/	541	52/	201	184	194	144/	45/	LOTA	Element (X)	Rel. Hum.	Dry Bulb	Wet Bulb	

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CECIL FIELD, FLORIDA

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Temp.							WET BU	WET BULB TEMPERATURE DEPRESSION (F)	ERATURE	DEPRES	SION (	6						TOTAL		TOTAL		
•	0	1.2	3.4	5.6	7 . 8	9 . 10	11 . 12	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24	15 . 16	17 - 18	19.2	0 21 . 2	2 23 . 2	14 25 - 2	25 - 26 27 - 28 29 - 30	29 - 30	18 = 31	D.B./W.B.	Dry Bulb		Wet Bulb Dew Point	in
-														-				-		1		
16 /86											•	1	•	1				2		2		
-										.1	•	3 .2	2	_				-		2		
66 / 63								-	6.	•	.2		2	1				26	26	9		
							.2	-4	1.3	1.1	4.	. 3	•					49		*		
90/ 89						-	9.	2.2	1.64	9.	.2	2	1					61	61			
88/ 87						1.0	2.6	1.1	4.	9.	1.	_	_					69	69	•		
86/ 85					1.6	2.7	1.5	.5			•							82		~		
84/ 83			.2	4.	2.4		.8	. 5		.2								86		2		
82/ 81			.2	1.2	2.5	1.2	.5											69	69	•		
80/ 79		.2	1.7	1.3	1.0													56				
	.3	1.1			.6									*				87	87	7 118	8	-
76/ 75	6.	2.7	4.1	1.3	9.													109	109			8
74/ 73		-	4.1		1.													155		5 255	-	.0
72/ 71		7.2	3.2	.7	.2													166				0
_		4.4	1.2	.2	.2													101			2 275	100
	1.2		6	.2														8.9				
66/ 68				-														10	10	•	100	C
																					7	2
		• 1												_							-	30
-																					1	14
5																						9
-																						40
A L	8.324.	4.71	719.7	7.0	9.1	8.2	6.2	1.0	5.0	3.2	1.4	•		2				1200	1200	1200	1200	0
													-	+								
		+											-	-								
Element (X)	ľ	2x2			Σx		×	O'x	$\vdash$	No. Obs.	98.	L			Mean	No. of	Hours w	Mean No. of Hours with Temperature	ature			
Rel. Hum.		7436834	834	5	26616	-	76.7	17.9	912	13	1200	30£		≤ 32 F	₹ 67 F		≥73 F	≥ 80 F	293 F	11	Total	
Dry Bulb		7469466	466		424		78.5	7.540	40	1.2	1200				713.4		524.4	295.		21.6	720.0	0
Wet Bulb		9629	281	_	3682		72.4	3.3	16	12	1200				682		364.8	-	2		720.	0
Dew Point		5823970	970		83490	$\vdash$	9.69	3.555	55	12	1200		H		601.2		222.6		Н	H	720.0	0

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Temp							WET BU	LB TEMP	WET BULB TEMPERATURE DEPRESSION (F)	E DEPRES	) NOISS	F)								TOTAL		TOTAL	
(6)	0	1.2	3.4	5.6	7 - 8	9 . 10	11 - 12	13 - 14	9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27	17 - 18	19 - 2	0 21 -	22 23	3 - 24	25 - 26	. 22	. 28 29	. 30	±31 C	9.W.B.	Dry Bulb		Wet Bulb Dew Point
101/201													1.				_	-		-			_
100/ 99										-		-	1	1			+	+	1				1
16 /86									:	.2			7.				_			9	0		
	,							•	. 5	9.		2					+	-		17		7	1
						1.		*	1.6			50					-			44		•	
92/ 91							8	2.3	1.1			-	_				-			55	55		
90/ 89					.3		-	1.7	. 3											6.9		2	
				. 1	6.	3.0	7			•			_				-			93	93	2	
-					~				•			_	-							83		~	
84/83		-		1.3	2.7			. 2					_							77	77	7	2
-	-		7	2.6		1						-								69			*
80/ 70	•	14	0	1.0													_			81	81		89
	150	3.3		9								-	-				-	-		96			
	4.	8.2	2.8														_			160			0 149
74/ 73	3.6	9.8	2.2	4.								-					-			199	661		
	3.4	5.6	0																	122			
	1.3	2.4	9.																	53			
	.2	4															-			12			
	.3	.2										_								•		9	
-												-					-	1					3
62/ 61													-										
TUTAL	10.830.614.1	30.6	16.1	7.7	8.2	8.6	6.7	5.9	4.6	-	0	9	2			-	+	+	1		1240	0	1240
										:		+					+	+	1	1240		1240	
												+	+			1	+	+	1				
												_											
										_	_	-				_	-	-					-
											-	-					-						
Element (X)		2x2			× X	-	×	, x	-	No. Obs.	ş.	L				We	on No	Mean No. of Hours	urs with	with Temperature	ature		
Ref. Hum.		816	9611		1986	-	79.4	17.0	.022	1.	1240		≥ 0 F	VI	≥ 32 F	AI	₹ 67 F	27	≥73 F			≥93 F	Total
Dry Bulb		795041	0419		9887		79.7	7.	334	1	1240					7	740.4	62	8.2			41.4	744.0
Wet Bulb		684			92009		74.2	3.6	3.285	1	1240					73	732.6	51	51102	32.4			744.0
Dew Point		642	4277		8917	-	71.9	3.6	3.086	1	1240			-		9	36.0	45	0.6		*		744.0

S.T.)		Dew Point									2	20	123	326	412	255	69	18	13	1239										Total	144.0	744.0	144.0
HOURS (L.S.T.)	TOTAL	Wet Bulb Dew Point		1		1				3	40	211	276	306	246	116	29	10	m		1240											-	
4		Dry Bulb	41	23	40	72	14	86	76	99	74	112	159	181	148	10	18	9		1240									9116		16.2		
		D.B./W.B.	*	23	64	72	74	85	76	79	74	112	159	181	148	16	18	9			1240								Mean No. of Hours with Temperature	≥80 F	298,8	0.0	1.8
		231 D		1		1																							tours with	≥73 F	595.2	01.0	19.7
		3 29 . 30																											n No. of		740.4 5		5.4
		26 27 - 28		+		1			_														-		-	+			Mea	1	14	73	72
		- 22 23 - 24 25 - 26 27 - 28 29 - 30		+	_	+																	+		+	+	-			≤ 32 F			
		1 . 22 23		+		1	_																+			+				± 0 F			
	SION (F)	. 12 13 . 14 15 . 16 17 . 18 19 . 20 21																											bs.	1239	1240	1240	1239
	E DEPRES	6 17 - 18	1 .2	1	7	7	2													7 1.0			-			1			No. Obs.	12	12	12	12
	WET BULB TEMPERATURE DEPRESSION (F)	14 15 - 1		1	1.8 1.7	80	• •									_		_		.5 3.7			+			+			σ×	6.263	868.	2.911	2.433
	T BULB TE	. 12 13 .				1		6	.2	17	1								-	6.0 5			+		+	+			-				
	WE	9 - 10 11		1		2	m	3.5	1.6	en.	-	7							-	8.1			+			1			×				-
		7 - 8				-	4.	2.4	3.6	2.0		•	1							9.7									Z×	00487	97706	91553	88902
		5.6						.		6 2.2	2	-	1	•	-					5 7.7			-			-							
		2 3.4		-	_		_		-	_	,	5 5.0	1	2.2	1	• •	1			215.6			-		+	+				8477291	5772	7013	18632
		-										2 2		50		3.7.2	1			14.528.215			+	7	+	+			ZX2	84	77	0	63
	-	0	56	33		89	37	88	3.3	18	0	1	1	73	1	69	╀		63	,		-	+		+	+		- 1	8	÷	9	q q	in the
	Temp.	(F)	_		92/ 9	-		86/ 8			-	78/	-	74/	-	101	-		1	TOTAL									Element (X)	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point

	1.2	3.4	5.6	7.8 9	01 -	1 - 12 1	WEI BULB TEMPERATURE DEPRESSION (F) 11 - 12   13 - 14   15 - 16   17 - 18   19 - 20   21 - 22   23 - 24   25 - 26   27 - 28   29	1 - 16 17	- 18 19	. 20 21	. 22 2	3 - 24 2	5 - 26 2	7 - 28 29	. 30	Z31 D.B.	D.B./W.B. Dry	y Bulb	Vet Bulb	Dry Bulb   Wet Bulb   Dew Point
							0	-		-	-					-	2:	~:		
					7	2.		1.0	200	.2				+	+	+	31	31		
					1.	7		. 7	.2								6.3	48		
				.2		2.8	1.4	.2	-								08	80		
			.2		2.8	1.6	9.	.2									86	86		
-	•		8	4	1.2	.2										_	68	89		
	7		1.9	2.2	2	4											72	72	2	
	• 5		1.8	7.	. 7	.2		• 1									29	29	28	
_	2	3.7	2.2		.2							-					112	112	140	22
75 .7	5		1.2	4.	.2	-				-								148	214	
•	1		1														173	173	243	•
-	-							-	-			-		-	-	-		28	368	
- 0				3 6	•		_					-		_		_		100		250
,	;			2.	+	1	+	-	+	+	1	+	+	1	+	+		0	C .	1
-	•												_				37	37	52	-
65	1.2		.2														23	23	32	63
63	• 2	.2															20	2	37	
19			-												_		-	-	-	
80		1	1	-	-	1	+	-	-	1	+	1	+	+	+	+		•	7	
11																	٠.	٠.		200
100	•	1	+	1	1	1	+	+	1	+	+	+	1	+	+	+	*	•	7	-
074L 35	728.718.810.	8	6	6.5	7.9	4.9	5	0.0		~	-		_				_	1200		1200
				1		2		3	•			+	+	1	+	-		200	1	
																=	1200		1200	
-		T	T	+	1	1	+	+	+	-	T	+	$\dagger$	+		+		+		
										1		1	1	1	-	-				
								-							-	-				
Element (X)	2x2	+	7	ZX			o x	-	No. Obs.	+	1	1	1	Mean No	of Hour	Mean No. of Hours with Temperature	nperature	1		
Rel. Hum.	7960400	009	6	95882	79.0	-	5.798		1200	-	A 0 F	≥ 32	- L	≥ 67 F	≥73 F	A1	≥ 80 F	≥ 93 F		Total
Dry Bulb	7300	481	6	93235	+-	1	6.86	10	1200			-	1	700.			261.6	7.8		720.1
Wet Bulb	6331845	845	80	7049	+	1	3.791	-	1200	-		-		667.2	388.2		3.6	1		720.0
Daw Bains	80%	376	0	17670	+	+	2 844		000	+		+	+	7.7		9 4	000		-	2000

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CECIL FIELD, FLURIDA

WET BULB TEMPERATURE DEPRESSION (7)  WET BULB THOSE ALVE TO THE TOTAL		TOTAL	31 D.B./W.B. Dry Bulb	0 m				38 38		11.			6 86	7	96 96		40,		47 47	œ	10	26 26			0 00				s with Temperature	_	
WET BULB TEAM REALTURE DEPRESSION (F)  11.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 22.  12.2 1.0 1.0 2 7 7 7 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	YEARS		27 . 28 29 . 30 =																											F ≥73	
WET BULB TEAMPERATURE DEPRESSION (f)  11.2 3.4 5.6 7.8 9.10   11.12   13.14   15.16   17.18   19.20   21.22    2. 2 1.0   1.1   1.2   2.2   2.2   1.1    2. 2 1.0   1.2   2.2   2.2   2.2    3. 4 1.2   1.5   1.3   2.7   2.7   2.4    4. 1.2   1.3   1.3   2.7   2.7   2.7    4. 1.2   1.3   1.3   2.7   2.7   2.7    4. 1.2   1.3   1.3   2.7   2.7    4. 1.2   1.3   1.3   2.7   2.7    4. 1.3   1.3   1.3   2.7   2.7    4. 1.3   1.3   1.3   2.7   2.7    4. 1.3   1.3   1.3   2.7   2.7    4. 1.3   1.3   1.3   2.7   2.7    4. 1.3   1.3   1.3   2.7   2.7    5. 2   1.3   1.3   2.7    6. 2   1.3   1.3   2.7    7. 2   1.3   1.3    7. 2   2.3   1.3    7. 3   3   3    7. 4   5   1.3    7. 5   5   5    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7   7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 7    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8    7. 8			. 24 25 .			-										1											-				
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TOTAL	D.B./W.B. Dry Bulb   Wet Bulb   Dew Poin	1240										267 F 273 F 280 F	103.2	9.	
	≥31											273 F	261.0	63.0	
	1 29 - 30														
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ON (F)	19 - 20 21												0	0	
WET BULB TEMPERATURE DEPRESSION (F)	17 - 18	2.3										1940	12,	1240	
PERATURE	4 15 - 16	9.6									-	126	9.858	212	
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Temp.	L	OTAL :									5	Ref. Hum.	Dry Bulb	Wet Bulb	

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CECIL FIELD, FLURIDA

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	- 24 25 - 26 27 - 28																																Mean No.
(F)	20 21 - 22 23										•1		•1					+															
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Temp.	(F)	86/85	-							-	-	-	-	-	-	1					40/42	-	-	-	-	1	-				24/ 23	22/ 21	Element (X)

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CECIL FIELD, FLORIDA

#### NON YEAR

PSYCHROMETRIC SUMMARY

	Dry Bulb Wet Bulb Dew Point	m -	 1200								I	Total	720.0	2000
TOTAL	Wet Bulb		1200								-	+	+	1
	Ory Bulb		1200									2 % F		
TOTAL	D.B./W.B.		1200				1				Mean No. of Hours with Temperature	280 F	20.0	
	= 31 D						1				ours with	273 F	24	
	. 28 29 . 30										No. of H		1 70.67	
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ON (F)	9 - 20 21		• 2								1	0	04	0
BULB TEMPERATURE DEPRESSION (F)	17 - 18 19		1.7								No. Obs.	1200	1200	0021
ERATURE	15 - 16		2.4								-	220	1.180	200
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93832 STATION

CECIL FIELD, FLURIDA

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3229111 61643 49.7 11.529 1240 62.4 33.0 1.2	Rel. Hum.		720	8009		9150	$\vdash$	13.8	19.	99	12	0,	± 0 F		32 F			73 F	≥ 80 F	≥ 93 F	4	Total
3229111 61643 49.7 11.529 1240 62.4 33.0	Dry Bulb		381	4204		6715	1	54.2	11.	172	12	40			31.8			0.6	3.	0		744.0
	Wet Bulb		322	9111		6164		1.6.	11.	53	12	04			62.4		1	1.2				

5 PSYCHROMETRIC SUMMA JAN 68

Temp.							WET BUL	B TEMPER	BULB TEMPERATURE DEPRESSION	EPRESSIC	N (F)						TOTAL		TOTAL	
(F)	0	1.2	3.4	5 - 6	7 - 8	9 - 10 11	. 12	13 . 14	13 - 14 15 - 16 17	7 - 18 19	. 20 21	. 22 23	. 24 25	- 26 27	- 28 29	. 30 231	D.B./W.B.	Dry Bulb	Wet Bulb	<b>Dew Point</b>
102/101												0	-			-	0	70		
1								T	0	0	0	0	0	-	0	-	3			
96/ 98								0			0	0		-	0		32			
-						0.		•			. 1	0.	0	_			118	-		
92/ 91						.0	7			.2		-	0			-	225			
					0.	.1		•	4.	• 1	1.	0.	0	0.			300			
88/87				C		7		4	1		-	0	0	0			421			
8 /				.1	•				4.	.2	0	1.	0	-	_		484		K	
84/83		0	.1		-	. 7		S	•		• 1	0	0	0			536	538	2	
8 /	0.	•	. 3	.7					63	• 1	•1	1.	0	-	-		524	1		2
80/ 79	0		8	83	•	9.			60	•	0						609			13
1		•		•	•					-	•	0		0	-		75		-	
1		2.		•	•	4.			-	:	-	0					933		-	
1	6.	3.		•	.5			.2	•	-	-						1130			
1			1.4	•	•						•	0	_				1142		-	1516
9/		2			•		.2	.2		-	0	0			-		96		-	1311
9 /				•	.3			.2	• 1		0						75			959
9/		-		•	•	.2			-								712			828
9 /		-		•	•			. 1	•	0	0						59			689
62/ 61	.2	-	80.		.3			.1	-	0							596	569	747	771
2	.1			•	•		-		.1	0							200	- 1		759
5	•			•	•	•		7.	0.								427			581
1 3	.1	1.0	. 7	•	•		.2		0.						_		386	_		580
5 /	.1	•	•	•	•	•		1.	0.		_	_		_			367			539
2	.1	•		•	•			0.									328	.71		475
5/	0.	•		•	•			0.									276			382
4	.1	•		•	•			0.			_						242			410
5 /	0.	•		•	•		0.	0.							-		243			305
*	0.	•		•	•	•								-	-	-	182			275
42/ 41	0.		4.	.3	•	0.	0.							_			174			275
1 3	0.	•	.3	.3	. 1	.0											160		-	258
38/ 37	0.	•	*.	.2	0.	0.									_		141			240
3	0.	•		1.			-			1	1	-	1	-	+	-	6			223
Element (X)		2x2			xx		×	ď×		No. Obs.	-			2	ean No.	Mean No. of Hours with	vith Temperature		-	
Rel. Hum.												30 F	≥ 32		₹ 67 F	≥73 F	≥ 80 F	293		Total
Dry Bulb																				
Wet Bulb									_											
			•										-	1			-			

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ISEAR-YEOS MIN

CECIL FIELD, FLORIDA STATION NAME

YEARS

5 PSYCHROMETRIC SUMMAR JAN 68

	Wet Bulb Dew Point	184	195							40	36	200	0.12	**	1	14606							Total	8760.0
TOTAL	Wet Bulb				70				-					,										01.0
	Dry Bulb	93	74	53	27	8	2	2								4007					7.	re		
TOTAL	D.B./W.B.	63	74	53	27	60	10	2								14607	10			17		Mean No. of Hours with Temperature	≥80 F	175.4
	231										1				+	1	1					urs with	±32 F ≥67 F ≥73 F	
	9 . 30										1											o. of Ho	7.7	740
	. 26 27 - 28 29 - 30														-	0		-		1		Mean N	≥ 67 F	-
	. 26 27										+					0		+	+	+				
	. 24 25					-	-				+				-	7.		+		+			± 32 F	•
	. 22 23	-														3.				+			20 F	
3	. 20 21	-									-			-	-	0		+		+	-		+	
WET BULB TEMPERATURE DEPRESSION (F)	9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21	-									+			-		2.2		-				No. Obs.	14607	. 440
URE DE	16 17	-									+			-	-	4.1 2		+	+	1		ž		•
MPEKAI	14 15 -	-									+			-	-	5.5 4		-	-	+		σ×	.294	
BULBIE	12 13 .	-									+			-				-	+				5	-
WEI	0 11 .	-												-		7 6.2			-			×	73.5	-
	-	0	0								-			_	-	7.7		-	_				31	
	7 - 8	L	1	_	0	_	0									0						Z×	073131	
	5.6		•	•	.0											11.							7	
	3.4		-	7	-	0	.0	0.								20.0							7265	
	1.2	.3	60	.2	1	0	0	•			T					.826.520.011.2				1		ZX2	84277265	-
	0	0									T					5.8								
.du	-	33	31	53	27	25	23	21	19	17		11	01	so 0	-	_				1		(X)	Hom.	-
Ten	•	34/	32/	30/	28/	26/	24/	22/	20/	18/	101	12/	10/8	3	2	TOTA						Element (X)	Rel. Hum.	Dry Bulb

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1265-5605 HGH

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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93832	CE	CECIL FIELD.	LO. FL	FLORIDA			73-	-77						
STATION	1		ST.							YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	NO.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	S. D. TOTAL OBS	50.3 50.8 11.56410.159 155 141	10.159	58.7 8.539	60.8	4.080	72.6	2.802	73.7	73.0	4 8 3 5 5 5 5 5	240	49.7	62.5 11.931 1825
*	S. D. TOTAL OBS	48.5 48.8 12.00210.689 155 141	48.8	9.259	58.7 7.312 150	4.864	70.8 2.740	72.5	72.3 2.520 155	71.6 3.133	61.7	93.6	48.1	60.8 12.250 1826
6	S. D. TOTAL OBS	47.6 47. 12.45[11-1	47.2	56.1 9.719	7.447	4.479	72.6	73.9	72.9	71.5	61.0	52.7 11.242 150	47.3 11.780	13.091
2	S. D. TOTAL OBS	54.7 11.916 155	54.7 57.1 11.91610.201 159 141	67.5	72.2	19.1	3.778	3.460	3.259	82.3 4.754	73.3	9.889	54.8 10.216 155	13.506
5	S. D. TOTAL OBS	63.8 65.8 12.87210.794 159 141	65.8 10.794	9.196	78.2 6.803	5.223	5.400	5.448	4.791	86.1 4.891 150	78.2 6.708 155	9.353	62.8	12.296
2	S. D. TOTAL OBS	65.0 67.2 12.48310.339 159 141	67.2	75.2 9.255 155	78.7	6.466	6.349	6.894	85.4 6.164	84.1 6.045 150	77.2 6.858 159	10.6 150	63.4	11.583
10	S. D. TOTAL OBS	57.0 10.941	9.156	7.981	6.106	77.0 5.388	5.083	5.150	19.1	3.948	69.5	61.8	9.317	11.586
2	S. D. TOTAL OBS	52.4 11.049 159	9.603	62.3	5.951	3.931	3.116	3.133	2.879	3.133	7.376	10.137	51.6 10.336 155	11.605
ALL	S. D. TOTAL OBS	13.41512.4	12.4421	1.242	10.291	74.2 8.661	7.540	79.7	78.8	6.865	9.858	12.094	11.973	13.814

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# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION		מברור בוצרם		STATION NAME						YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	MEAN S. D. TOTAL OBS	47.6 47 12.03610-	10.542	55.7 8.867	57.2 7.336 150	64.8 4.537 155	70.4 2.712 150	72.2 2.499	72.3 2.116 155	3.072	8.3441	52.6 1.132 150	47.2 11.700 155	12.46
40	S. D. TOTAL OBS	46.2 45.8 12.47511.084 155 141	11.084	9.633	7.820	63.7 5.235 155	2.771	71.3 2.382 155	71.2	3.316	58.9 8.634 155	51.2 11.599	11.947	12.83
10	MEAN S. D. TOTAL OBS		11.498	53.8 10.046 155	56.2 7.896 150	65.0	70.9 2.867 150	72.5	71.8 2.187 155	3.667	8.836 155	50.4 11.770 150	45.3 12.155	58.8 13.55
2	MEAN S. D. TOTAL OBS	51.0 51.3 12.55211.082 155 141	51.3 11.082 141	9.048	7.316	10.0	2.727	2.409	1.907	3.629	7.250	58.2 10.800 150	50.6 11.215 155	12.59
2	S. D. TOTAL OBS	54.8 54. 11.69210-1	54.5 10.140	62.1 8.269 155	63.4	4.380	75.0 2.715 150	2.607	76.6	2.877	6.480	9.354	54.4 10.291 155	11.13
16	S. D. TOTAL OBS	54.9 10.903	54.6 9.318	7.772	63.3	70.1 4.081 155	74-1 2.674 150	76.1	2.353	3.026	65.8 6.466 155	60.2 8.870 150	54.5 9.850 155	10.57
10	S. D. TOTAL OBS	51.5 10.868 155	9.527	7.517	5.909	3.907	73.0	74.6	74.0	72.9	7.093	9.686	\$1.2 10.176 155	63.3
22	S. D. TOTAL OBS	11.31110.06	10.062	8.019 155	59.2	4.242	2.756	73.2	72.9	3.135	7.909	54.4 10.733	11.006	11.97
ALL	S. D. TOTAL OBS	50.1 49 12.30310.	10.998	9.207	7.565	5.201	3.398	3.286	73.8	3.792	8.2121	55.5 1.150 1200	11.530	12.39

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# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION	1		IS	STATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
16	S. D. TOTAL OBS	14.5	35612.6111 159 141	53.3 10.203	8.757	5.300	3.080	71.4 2.675 155	71.7	3.582	58.3 9.456 155	80	13.690	57.9 14.115 1825
*	S. D. TOTAL OBS	14.887	13.2551	52.4 11.031 155	9.147	62.6 5.882 155	3.048	70.8	2.309	69.3 3.741	56.8 9.662 155	48.6 13.426 150	43.3 13.966 155	14.510
0	S. D. TOTAL OBS	15.21613.	13.7161	51.8 11.457	9.175	5.919	3.138	2.782	71.3	3.989	56.3 9.810 155	13.480	42.7 13.992 155	57.0 15.108
2	S. D. TOTAL OBS	16.052	16.05214.7851	2.343	55.1 10.908 150	65.5	3.712	3.025	73.3	3.956	9.209	53.0 14.243	45.8 14.671 155	59.8 14.896 1826
2	S. D. TOTAL OBS	15.748	43.6	53.4 2.165	53.0 10.662 150	7.110	3.805	3.200	72.0	3.855	9.174	92.3 13.650 150	46.1 15.017 155	58.5 14.655 1826
2	S. D. TOTAL OBS	45.6 42.3 5 15.52[14.39]]]	42.3 14.391	.962	52.4 10.388 150	6.900	3.999	3.709	71.3	3.887	58.6 9.379 155	13.488	45.6 15.241 155	14.660
61	S. D. TOTAL OBS	13.99913.	13.4431	53.4 10.445 155	9.127	5.971	3.796	3.180	71.8	3.647	59.6 8.868 159	52.6 12.227 150	46.5 13.153	58.7 13.807 1826
2	S. D. TOTAL OBS	45.1 43.9 13.74012.594 159 141	43.9	9.796	8.678 150	5.367	3.285	2.799	71.8	3.728	9.259	51.5 12.686 150	45.3 13.257 155	58.6 13.010 1825
ALL	S. D. TOTAL OBS	14.97	43.2	53.3	9.656	6.233	3.555	3.087	2.434	3.867	9.414	13.366	14.162	14.476

#### RELATIVE HUMIDITY

CECIL FIELD, FLORIDA

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	159	155	155	155	155	155		1240
MEAN	HUMIDITY	81.4	85.8	83.9	75.8	56.1	52.9	68.3	77.1		72.3
	%06	21.3	31.0	34.2	24.5	5.2	3.5	5.8	11:0		17.0
	80%	65.8	0.69	72.3	48.4	12.3	12.3	25.2	47.1		*
ATER THAN	%02	82.6	83.9	84.5	65.2	50.02	18.1	48.4	75.5		80.9
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	92.3	91.0	93.5	19.4	36.1	34.2	70.3	87.1		73.0
OF RELATIVE	20%	94.8	96.8	98.7	99.0	61.3	51.6	79.4	94.2		83.2
SE FREQUENCY	40%	98.7	4.66	98.7	96.1	19.4	72.3	8.46	98.7		97.3
PERCENTAC	30%	100.0	100.0	99.4	4.66	91.6	85.2	40.66	100.0		0.00
	20%	100.0	100.0	100.0	100.0	4.66	96.8	100.0	100.0		90.5
	10%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
HOURS	(L.S.T.)	10	*0	00	01	13	91	19	22		ALS
n n n	HINOM	LAN									TOTALS

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#### RELATIVE HUMIDITY

CECIL FIELD, FLORIDA

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIH	(L.S.T.)	%OL	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
F. 68	10	100.0	100.0 100.0	100.0	100.0	95.7	87.9	73.8	44.0	5.7	76.8	141
	*0	100.0	100.0 100.0	100.0	100.0	96.5	87.2	80.9	51.8	6.6	78.3	141
	20	100.0	100.0 100.0	100.0	98.6	97.9	90.1	60.08	57.4	14.9	80.0	141
	9	100.0	100.0 100.0	100.0	92.2	79.4	9.65	0.44	24.1	4:3	99.5	141
	13	100.0	98.6	80.1	61.0	39.0	18.4	11.3	6.6	2,1	47.6	141
	91	100.0	97.9	73.0	48.2	26.2	19.1	11.3	7.1	2.1	49.7	141
	61	100.0	100.0	95.7	84.4	0.99	45.4	22.0	9.2	.:	58.0	141
	22	100.0	100.0	100.0	100.0	90.1	75.9	57.4	21.3	5.0	70.7	141
							4					
5	TOTALS		8	7.50	4	73.0	9	57.7	28.1	6.3	44.2	1128
		2007	2011	2000	*31	1 30 5	***		***		****	4

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#### RELATIVE HUMIDITY

99832 CECIL FIELD, FLORIDA STATION MALE

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NO

73-17

ERIOD

MAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

narron	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIT	(L.S.T.)	%0L	20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	088.
MAR	10	100.0	100.0	100.0 100.0 100.0	100.0	98.7	94.2	85.2	67.7	23.2	83.1	155
	40	100.0	100.0	100.0 100.0	100.0	7.86	94.2	91.0	75.5	28.4	85.0	155
	07	100.0	100.0	100.0 100.0	100.0	98.1	1.96	91.0	81.3	31.0	86.0	155
	10	100.0	100.0	98.7	92.3	82.6	64.5	41.9	19.4	9:0	4.99	155
	13	100.0	4.66	89.0	71.0	44.5	54.5	14.2	0.6	3.2	50.9	155
	91	100.0	7.86	91.9	65.8	39.4	25.8	15.5	10.3	3.9	49.2	155
	19	100.0	100.0	97.4	89.7	76.8	49.7	28.4	12.9	6.5	9119	155
	22	100.0	100.0	100.0	100.0	92.3	89.0	74.2	39.4	12,3	76.4	155
TOTALS	ALS	100.0	99.8	95.9	69.68	78.9	67.3	55.5	39.4	14:7	6.69	1240

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#### 5706 RELATIVE HUMIDITY JAN 68

CECIL FIELD, FLURIDA

STATION

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HUNOM	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	EATER THAN			MEAN	TOTAL
	(L.S.T.)	%01	20%	30%	40%	%05	%09	%02	80%	%06	HUMIDITY	OBS.
APR	10	100.0	100.0	100.0	99.3	98.0	96.0	87.3	56.7	13,3	80.2	150
	*	100.0	100.0	100.0	100.0	98.0	0.96	89.3	69.3	20:7	83.4	150
	10	100.0	100.0 100.0	100.0	100.0	98.7	0.86	0.06	70.0	25,3	83.9	150
	10	100.0	100.0	97.3	63.3	64.7	36.0	16.0	8.0	2:7	56.5	150
	13	100.0	0.86	80.0	0.00	24.7	9.3	4.7	2.7		43.6	150
	16	100.0	98.0	74.7	52.0	21.3	10.7	6.1	3,3		42.3	150
	61	100.0	100.0	46.7	81.3	59.3	36.7	12.7	0.9	2.0	54.7	150
	22	100.0	100.0	100.0	100.0	92.7	82.0	58.0	28.0	4:1	72.1	150
TOT	TOTALS	100.0	99.5	93.6	84.5	69.7	58.1	45.6	30.5		9.49	1200

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#### RELATIVE HUMIDITY

CECIL FIELD, FLURIDA 93832 STATION

73-77

MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MEAN TOTAL		87.7 155		90.9 155								
	%06	32,3	50.3	+	+++		++++					
	80%	85.2	92.9		91.0	91.0	9.0	9.0	9.0	9.0	9.0 9.0 20.6 60.6	9.0 9.0 10.3 20.6 60.6
EATER THAN	20%	96.8	7.86	95.5		28.4	7.7	7.7	7.7 17.4 37.4	7.7 7.7 17.4 37.4	7.7 7.7 17.4 37.4 85.2	7.7 7.7 17.4 37.4 85.2
HUMIDITY GRE	%09	4.66	98.7	98.7		58.7	18.7	18.7	18.7 29.0 56.8	18.7 29.0 56.8	18.7 29.0 56.8 94.8	18.7 18.7 29.0 56.8 94.8
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	20%	100.0	100.0	100.0		87.1	67.1	47.7	47.1 47.1 47.1 80.6	47.7 47.1 47.1 80.6	80.0 99.4	87.1 47.7 47.1 80.0 99.4
AGE FREQUENC	40%	100.0	100.0 100.0	100.0		95.8	95,5	61.3	95.5	95.5 74.2 93.5	95.5	95.5 81.3 74.2 93.5 100.0
PERCENT	30%	100.0	100.0	100.0		100.0	93.5	93.5	93.5	93.5	93.5	93.5
	20%	100.0	100.0	100.0		100.0	100.0	100.0	100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0	100.0
	10%	100.0	100.0	100.0		100.0						
HOURS	(L.S.T.)	10	*0	10		10	13	13	13 16 19	13 16 19 22 22	13 16 19 22 22	13 16 19 22 22
MONTH		MAY										

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### RELATIVE HUMIDITY

CECIL FIELD, FLORIDA

73-77

RIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

THE OW	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
MONIN	(L.S.T.)	%OL	20%	30%	40%	20%	%09	%02	%08	%06	HUMIDITY	088.
NOS	10	100.0	100.0	0.001 0.001 0.00	100.0	10000	100.0	7.86	92.7	43,3	69.68	150
	*0	100.0	100.0	100.0	100.0	100.0	100.0	6.66	98.7	60.7	93.0	150
	10	100.0	100.0	100.0	100.0	100.0	100.0	66.66	97.3	51,3	91.7	150
	10	100.0	100.0	100.0	66.66	92.7	80.0	30.7	8.0	1.3	66.5	150
	13	100.0	100.0	100.0	0.46	61.3	25,3	14.7	8.7	1:3	55.9	150
	16	100.0	100.0	99.3	86.7	0.99	35.3	7.22	14.7	0.4	58.6	150
	61	100.0	100.0	100.0	48.7	0.46	82.7	49.3	30.0	16.7	73.3	150
	22	100.0	100.0	100.0	100.0	100.0	99.3	92.0	72.0	22,7	84.4	150
					9							
10	TOTALS	100.0	100.0	6.66	97.3	89.3	77.8	63.3	52.8	25.2	76.7	1200

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### RELATIVE HUMIDITY

CECIL FIELD, FLORIDA STATION

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73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
HINDH I	(L.S.T.)	%01	20%	30%	40%	%05	%09	%02	80%	%06	HUMIDITY	OBS.
100	10	100.0	100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0	100.0	100.0	96.1	53,5	92.0	155
	*0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	98.1	72.3	94.5	155
	10	100.0	100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0		100.0	98.1	63,5	93.5	155
	10	100.001	100.0	100.0	100.0	4.66	88.4	37.4	11.6	1.3	69.8	155
	13	100.0	100.0 100.0	100.0	98.7	77.4	36.8	14.2	10.3	5.8	90.05	155
	91	100.0	100.0 100.0	100.0	96.1	74.8	47.1	29.7	22.6	16.8	64.5	155
	19	100.0	100.0	100.0 100.0 100.0 100.0	100.0	96.8	83.2	57.4	32.3	15,5	74.5	155
	22	100.001	100.0	00.0 100.0 100.0 100.0	100.0	100.0	4.66	96.8	75.5	34,2	86.5	155
101	TOTALS	100.001	100.0	0.001 0.00	4.66	93.6	81.9	6.99	55.6	32,8	79.4	1240

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### RELATIVE HUMIDITY

93832 CECIL FIELDS FLORIDA

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73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

T. A.O.	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
TINOW I	(LS.T.)	%O1	20%	30%	40%	20%	%09	%02	%08	%06	HUMIDITY	OBS.
AUG	10	100.0	100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0	100.0	4.66	4.66	67.7	93.7	155
	•0	100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0	100.0	7.86	98.7	76.1	95.1	155
	07	100.0	100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0	100.0	4.66	98.7	80.0	95.2	155
	70	100.001	100.0	0.001 0.001 0.000	100.0	100.0	91.0	47.1	12.9	3.9	71.3	155
	13	100.0	100.0	100.0 100.0 100.0 100.0	100.0	85.8	36.1	16.8	9.7	5.6	61.0	155
	16	100.0	100.0	100.0 100.0 100.0 100.0	100.0	78.1	54.8	29.0	15.5	0.6	9.99	155
	67	100.0	100.0	100.0 100.0 100.0 100.0	100.0	100.0	98.1	74.8	43.2	18,7	79.2	155
	22	100.001	100.0	0000 100.0 100.0 100.0 100.0	100.0	100.0	100.0	4.66	89.0	37.7	88.7	154
TOT	TOTALS	100.00 1	100.0	0.001 0.001 0.00	100.0	95.5	85.0	70.6	58.4	37.0	61.1	1239

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### RELATIVE HUMIDITY

CECIL FIELD, FLURIDA 93832 STATION

73-77

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

THE CONT	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONIA	(L.S.T.)	301	20%	30%	40%	20%	%09	%02	%08	%06	HUMIDITY	OBS.
SEP	10	100.0	100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0	66.3	93.3	49.3	91.0	150
	40	100.0	100.0	100.0	100.0	100.0	100.0	66.3	7.96	58.7	92.7	150
	07	100.0	100.0	100.0 100.0		100.0	100.0 100.0	100.0	98.7	64.7	93.0	150
	10	100.0	100.0	100.0	100.0 100.0	100.0	0.06	46.0	16.0	4.0	71.3	150
	13	100.0	100.0	100.0	66.3	80.0	46.0	20.0	8.7	4:7	61.3	150
	16	100.0	100.0	100.0	98.0	86.0	52.0	31.3	19.3	8.7	64.5	150
	16	100.0	100.0	100.0	100.0	100.0	0.96	72.7	40.7	19.3	78.7	150
	22	100.0	100.0	100.0 100.0	100.0 100.0	100.0	66.66	0.86	76.7	36.0	86.8	150
5	TOTALS	100.0	100.0	100.0 100.0	7.66	95.8	4.58	70.8	56.3	30.7	6.64	1200

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### RELATIVE HUMIDITY

CECIL PIELD, FLORIDA STATION NAME 93832 STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155	1240
MEAN	HUMIDITY	84.0	84.8	85,3	64.8	53.7	54.5	71.5	79.5	72.3
	%06	23.9	28.4	32.3	1:3	1:3	5.6	6.5	13.5	13:7
	%08	1.69	71.0	71.0	10.3	3.9	7.7	19.4	46.5	37.4
ATER THAN	20%	0.68	88.4	6009	32.3	10.3	16.1	51.6	19.4	57.2
HUMIDITY GRE	%09	97.4	97.4	97.4	65.2	27.1	25.8	84.5	8008	76.0
OF RELATIVE	20%	99.4	4.66	4.66	88.4	57.4	\$6.6	97.4	100.0	87.6
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	40%	100.0	100.0	100.0	98.1	85.2	84.5	4.66	100.0	95.9
PERCENTA	30%	100.0	100.0	100.0	100.0	97.4	8.96	100.0	100.0	99.3
	20%	100.0	100.0 100.0	100.0	100.0 100.0 100.0	100.0	100.0	100.0	100.0	0.001
	%01	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	0.001
HOURS	(L.S.T.)	10	•0	10	10	13	91	19	22	TOTALS
HINOW		100								101

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### RELATIVE HUMIDITY

CECIL FIELD, FLURIDA STATION NAME 93832 STATION

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NON

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS	100 100 100 100 100 100 100 100 100 100		PERCENTA	GE FREQUENCY	OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
	%0t	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	088.
10	100.0	100.0	100.0	99.3	97.3	92.0	86.7	67.3	28.0	83.2	150
*	100.0	100.0	100.0	99.3	99.3	0.46	85.3	69.3	31,3	83.9	150
10	100.0	100.0	100.0	99,3	99.3	97.3	86.0	70.0	32.0	84.8	150
10	100.0	100.0	99.3	93,3	84.7	73.3	53.3	24.7	8.7	0.69	150
13	100.0	98.0	92.7	82.7	1.09	30.0	14.7	6.7	5.0	53,7	150
16	100.0	98.0	7.06	77.3	57.3	34.7	18.7	8.0	3,3	54.5	150
19	100.0	100.0	100.0	7.96	91.3	84.0	62.0	31.3	0.0	73.0	150
22	100.0	100.0	100.0	99.3	7.96	92.7	84.0	62.0	17.3	81.3	150
								7			
		3	į	4				1 :	1.5		
	100.0	44.5	91.8	43.4	85.8	74.8	61.3	***	1001	12.7	1200

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#### RELATIVE HUMIDITY

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CECIL FIELDA FLORIDA 93832 STATION

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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### RELATIVE HUMIDITY

93832 CECIL

CECIL FIELD, FLORIDA STATION NAME

73-77

RIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-	HOURS			PERCENTA	GE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIH	(LS.T.)	301	20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	OBS.
JAN	ALL	100.0	99.5	96.9	92.3	83.2	73.0	88.8	**	17.0	72.3	1240
811		100.0	9.66	93.6	85.6	73.9	6009	47.7	1.82	5:7	65.2	1128
MAR		100.0	8.66	95.9	6.68	78.9	67.3	55.5	39.4	14:7	6.69	1240
APR		100.0	99.5	93.6	84.5	1.69	58.1	45.6	30.5	8,0	9.49	1200
MAY		100.0	100.0	98.3	93.1	82.7	4.69	58.4	46.9	21:12	73.0	1240
NO.		100.0	100.0	6.66	97.3	89.3	77.8	63.3	52.8	25.2	76.7	1200
100		100.0	100.0	100.0	4.66	93.6	81.9	6.99	55.6	32.8	19.4	1240
AUG		100.0	100.0	100.0	100.0	95.5	85.0	10.6	58.4	37.0	81.1	1239
SEP		100.0	100.0	100.0	7.66	95.8	4.68	9.02	56.3	30.7	40.6	1200
100		100.001	100.0	99.3	95.9	97.6	74.0	57.2	37.4	13.7	72.3	1240
NON		100.0	99.5	97.8	93.4	85.8	74.8	61.3	45.4	16.1	72.9	1200
DEC		100.0	99.8	97.5	92.9	86.0	75.1	62.7	45.7	20.6	73.8	1240
5	TOTALS	100.0	99.8	97.7	93.7	85.2	73.5	0.09	44.8	20,3	73.4	14607

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WIND DIRECTION

CECIL FIELD, FLORIDA

93832 STATION

53385

JANUARY JANUARY 1973-DECEMBER 1977

ALL

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	WNW
	wsw
DIRECTION	WSS
DIRE	

TEMP.	N Z	NN 40	8 EN	ESE & SE	SSE & S	SSW & SW	wsw 8 w	WNW WN W	CALM	TOTAL FREG.	% OF TOTAL
122+											
112 70 121											
210101											
112.10116		1									
111 01 701											
102 TO 106											
101 01 76											
92 10 96											
87 TO 91											
82 TO 86					26.7	46.7	20.0			15	1.2
18 01 77			7.4			31.5	35.5	1.9		54	4.4
72 TO 76	1.9			11.1		27.8	20.4		5.6	54	4.4
17 07 79	6.3		0.1			28.7	13.0	5.2		115	
62 TO 66	5.8	4.0	12.6	6.6		17.8	15.2	6.3	6.8	161	
57 TO 61	5.5	-	1.0			7.0	17.4	4.9		1	
52 TO 56	20.2		9.2			0.0	12.1	11.0			14.0
47 TO 51	20.2	15.8	1.8		2.6	4.4	13.2	14.9			
42 TO 46	25.2	1	3.5		9.2	1.1	17.4	25.2	12.2		
37 TO 41	35.2			6.		1.9	10.2	23.1			
32 TO 36	29.6	2.4	2.8		7.4	7.4	12.7	23.9			5.7
27 TO 31	23.4						23.4	36.2			3.8
22 TO 26	18.2						30.4	36.4		=	6.
17 10 21											
12 TO 16											
7 10 11											
2 70 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	14.9	11.5	2.1	4.2		5.1	0.0	7.0	7		V

WIND DIRECTION

CECIL FIELD, FLORIDA

93832 STATION

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FEBRUARY

ALL

JANUARY 1973-DECEMBER 1977

WIND DIRECTION

122   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123   123-						ייוים סוויברווטיי						
2.2 3.7 15.8 26.3 26.9 13.6 13.6 10.9 12.8 13.8 10.9 12.6 13.6 10.8 2.0 13.6 10.0 11.4 4.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 14.1 18.8 24.2 11.7 11.7 11.7 11.7 11.7 11.7 11.7 11	TEMP.	N Z	NNE NE	e EN	ESE & SE	SSE & S	SSW & SW	wsw & w	WNW WN W	CALM	TOTAL FREG.	% OF TOTAL
2.2 3.7.9 15.8 26.3 28.9 13.2 25.6 13.4 13.1 12.5 13.9 26.4 25.0 3.7 14.8 13.9 12.6 28.9 28.9 13.2 13.9 12.6 28.9 28.9 13.2 13.9 10.2 13.8 10.8 26.3 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.9 13.8 13.8 13.9 13.8 13.8 13.8 13.8 13.8 13.8 13.8 13.8	122+											
2.2 3.7.9 15.8 26.9 26.9 26.9 26.9 15.0 26.9 15.0 26.9 15.0 26.9 26.9 26.9 26.9 26.9 26.9 26.9 26.9	117 TO 121											
2.2 3.7 14.8 8.9 12.6 28.9 13.2 11.7 14.1 12.8 13.9 2.6.4 13.2 2.0 3.7 14.8 8.9 12.6 28.9 25.2 3.7 14.8 8.9 12.6 28.9 25.2 3.7 14.8 8.9 12.6 28.9 25.2 3.7 14.8 8.9 12.6 28.9 25.2 3.7 14.8 8.7 16.1 18.8 24.2 3.7 11.7 12.8 11.7 11.7 11.7 11.7 11.7 11.7 11.7 11	112 TO 116											
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28.0 28.0 16.0 40.0 100.0 100.0 2.1 4.2 16.7 20.8 100.0	37 TO 41	26.8			1.4		2.8					
28.0 100.0 100.0 10.5 10.5 10.5 10.5 10.5	32 TO 36	20.8				2.1	7.4					4.3
100.0 100.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 110.0 11	27 TO 31	28.0						16.0			25	
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10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-13 TO -9											
10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-18 TO-14											
10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-23 TO-19											
10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-28 TO-24											
10.5 9.2 6.6 3.9 7.6 13.4 19.9 12.8	-33 TO-29											
10.5 9.2 6.6 3.9 7.6 13.4 19.9 12.8	-38 TO-34											
10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-43 TO-39											
10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-48 10-44											
10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-53 TO-49											-
10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-58 TO-54											
10.5 9.2 8.6 3.9 7.6 13.4 19.9 12.8	-59 & LWR											
	TOTALS	10.5		0	3.0	1				14.2		1128 100.0

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WIND DIRECTION

CECIL FIELD, FLORIDA

93532 STATION

JANUARY 1973-DECEMBER 1977

MARCH

HOURS ( L.S.T.) ALL

WIND DIRECTION

wsw & w

% × %

% OF TOTAL

FREG.

SSW & SW

SSE & S

ESE & SE

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TEMP. 122+

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CALM

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11.8 9.9 13.5 10.4 12.9

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72 TO 76

15.1

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32.6

42 TO 46

22 10 26

17 10 21

27 TO 31

7 10 11

12 70 16

17.1

47 10 51

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3.0

82 10 86

77 TO 81

16 01 78

100.0

95 10 96

101 07 79

102 TO 106

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1239 100.0

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15.0

14.3

11.9

9.6

11.3

8.2

1.5

-59 & LWR

-18 TO-14 -23 TO-19

-28 10-24

-33 10-29 -38 10-34 -43 TO-39

-13 TO -9

-3 70 1

-8 TO-4

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-48 TO-44

-53 10-49 -58 TO -54 NAVWEASERVCOM

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ENTAGE FREQUE	
CENTAGE FREQUE	
SCENTAGE FREQUE	
RCENTAGE FREQUE	
ERCENTAGE FREQUE	
PERCENTAGE FREQUE	

WIND DIRECTION

CECIL FIELD, FLURIDA STATION NAME

APRIL	MONTH
JANUARY 1973-DECEMBER 191	YEARS
-	

TEMP.	≥ Z × × o	NNE NE	ENE ENE	ESE & SE	SSE & S	SSW & SW	wsw % %	* × × × ×	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 70111											
102 TO 106											
101 OT 76											
92 10 96						50.0	50.0			~	.2
16 01 78		2.7	5.4	13.5	10.2	35.1	13.5	8.1	5.4	37	3.
82 TO 86	1.3	6.3	16.3	11.3	12.5	26.3	20.0	2.5	3.8	80	6.
18 01 77	1.8		26.7	14.5	10.9	18.2	15.8	4.2	3.6	165	13.
72 TO 76	4.5	_	29.0	8.3	6.9	11.8	6.8	10.1	1001	169	14.
17 07 79	4.4		18.2	11.3	6.6	12.3	10.8	8.4	15.3	503	16.
62 TO 66	8.7		16.5	7.3	4.6	4.9	12.4	7.8	22.5	912	18.
19 01 2	8.3	12.4	5.9	4.1	6.9	1.	13.0	10.7	32.0	169	14.
52 TO 56	12.6	4.6	1:1	2.3	1:1	6.9	20.7	10.3	40.2	87	-
47 TO S1	4.9					4.3	25.5	10.6	48.9	47	3.
42 TO 46	10.5					5.3	31.6	26.3	26.3	19	-
37 TO 41								25.0	75.0	*	
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 10 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	5.5	9.5	16.0	80	7.3	12.1	6.4	7.8	0.0	1200	1001

To

0 0 0

3

NAVWEASERVCOM

0

1200 100.0

120014

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

CECIL FIELD, FLURIDA

93832 STATION

0

ALL MAY

% OF TOTAL

JANUARY 1973-DECEMBER 1977

	TOTAL			-	23	46	179	181	207	330	155	54	01	9
	CALM					3.1	4.5	5.5	12.6	28.5	50.3	64.8	70.0	1.99
	> × ×				8.7	3.1	7.8	6.1	4.8	3.9	3.9	1.9	10.0	
	wsw w			100.0	26.1	30.9	20.7	18.8	6.4	14.5	11.0	5.6	20.0	33.3
CTION	SSW SW				26.1	21.6	14.5	80	11.1	10.9	11.0	3.0		
WIND DIRECTION	SSE				17.4	10.3	6.5	11.6	15.9	10.0	4.5	6.1		
3	ESE				13.0	4.1	10.1	16.6	14.5	10.9	5.6			
	EN EN				8.7	15.5	24.6	26.0	19.3	8.5	3.9	3.6		
	NNE					8.2	5.0	3.9	1.1	9.9	3.2	3.7		
	N Z					3.1	3.4	2.8	4.3	4.9	4.6	11.1		

17 10 121

TEMP. 122+

101 01 76

102 TO 106

92 10 96

82 TO 86

16 01 78

72 10 76

77 TO 81

19 01 75

17 10 21

32 10 36

10 16	11 01	10 6	1 01 1	10-4	3 TO -9	8 TO-14	91 - 01 8	8 10-24	13 TO-29	18 TO-34	3 10-39	18 TO-44	3 10-49	

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MAVWEASERVCOM

Pop

1240 100.0

21.2

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-59 & LWR TOTALS -58 TO-54

WIND DIRECTION

CECIL FIELD, FLORIDA

0

JANUARY 1973-DECEMBER 1977

JONE

					WIND DIRECTION	CTION					
TEMP.	3 Z Z d	N N N	S E	ESE & SE	SSE & S	SSW S SW	wsw 8	www www	CALM	TOTAL FREG.	% OF TOTAL
122+											
17 10 121											
112 TO 116											
111 07 701											
102 TO 106											
101 01 16					33.3	33.3	33,3			3	.3
92 10 96	7.6	4.5	7.6	9.1	7.6	22.7	25.8	7.6	7.6	99	5.5
16 01 78	5.0	6.8	24.2	10.6	6.6	12.4	20.5	5.6	5.0	161	13.4
82 TO 86	5.4	9.8	23.4	9.8	7.3	11.7	21.0	7.3	7.3	205	17.1
18 07 77	3.4	16.0	20.0	10.9	14.9	9.1	12.0	2.9	10.9	175	14.6
72 TO 76	6.8	6.3	1.6	7.1	16.7	9.1	19.0	2.5	20.4	353	29.4
17 07 79	15.0	6.9	1.8	0.4	10.6	11.5	1111	6.2	30.5	226	18.8
62 TO 66	27.3				9.1		18.2	9.1	36.4	11	6.
19 01 75											
52 TO 56											
47 10 51											
42 TO 46											
37 TO 41											
32 10 36											
27 TO 31											
22 TO 26											
17 10 21											
12 TO 16											
7 70 11											
2 70 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24						4					
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	7.1	4.1	13.0	8.0	16.3	11.2	17.4	4.8	10.0	1500	1500 100.0

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CECIL FIELD, FLORIDA

93632 STATION

WIND DIRECTION JANUARY 1973-DECEMBER 1977

HOURS (L.S.T.) אחר

ALL

WIND DIRECTION

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	FARS		

					HIND DINECTION	1011	-	-	-		
	MNN	NNE	ENE	ESE	SSE	SSW	wsw	www	MAG	TOTAL	% OF
TEMP.	Z es	S NE	8 E	& SE	8.5	& SW	*	& NW		FREG.	TOTAL
122+											
17 10 121											
12 TO 116									1		
111 01 70											
02 TO 106										4	
7 10 101			12.5	12.5	12.5	12.5	37.5	12.5		9	0.
2 10 96	3.1	5.2	16.7	8.3	10.4	19.8	20.8	7.3	8.3	96	
19 07 7	4.5		19.7	10.7	0.6	14.0	22.5	4.5	7.3	178	
12 TO 86	3.0	-	18.0	12.5	14.9	13.0	17.5	4.5	7.0	200	91
7 TO 81	4.4	8.3	13.6		15.5	17.0	18.9		14.6	200	
2 10 76	5.3	0.2	5.3	5.5	11.0	11.0	13.8			430	35.2
7 10 71	8.2	7.3	3.6	2.7	10.4	5.5	11.8	5.5		110	6.8
2 10 66					33.3	10.7			20.0	9	5.
19 01 7											
52 TO 56											
17 10 51		1									
12 TO 46											
37 TO 41											
32 TO 36											
27 10 31											
22 10 26											
17 10 21											
12 TO 16											
11 01 7											
2 70 6											
-3 10 1											
-8 10-4											

NAVWEASERVCOM

1240 100.0

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-59 & LWR

-23 TO-19 -28 TO-24

-33 TO-29 -38 TO-34 -43 TO-39 -48 TO-44 -53 TO-49 -58 TO-54

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WIND DIRECTION

CECIL FIELD, FLORIDA STATION NAME

93832 STATION

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JANUARY 1973-DECEMBER 1977

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	z •	N N N	& EN	ESE & SE	SSE & S	SSW & SW	% & %	> × ×	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
111 07 701											
102 TO 106											
101 CT 79											
92 10 96	2.1			25.0	12.5	12.5	8.3	6.3	10.4	48	3
16 01 78	4.6			13.8	10.9	0.9	9.2	5.9	6.9	174	14
82 TO 86	4.5	14.2		11.0	11.9	7.8	10.0	3.7	9.1	513	17
18 01 77	3.8		2	11.8	12.8	7.1	9.9	2.4	14.7	211	17
72 TO 76	12.2		- 3	9.9	9.6	8.4	4.0	2.1	37.0	427	34
17 07 79	11.6		5.2	6.9	10.3	6.1	7.7	6.5	38.1	155	12
62 TO 66	66.7	16.7							16.7	9	
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 10 21											
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7 TO 11											
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-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 10-24											
-33 TO-29							,				
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	8.1	11.5	18.1	6.6	10.9	8.3	6.9	3.5	23.1	1240 100	100

1240 100.0

CECIL FIELD, PLURIDA

93832 STATION

WIND DIRECTION

JANUARY 1973-DECEMBER 1977 SEPTEMBER

ALL

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WIND DIRECTION

W W W

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% OF TOTAL

TOTAL FREQ.

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101 01 76

95 10 96 16 01 78 82 TO 86

112 10 116

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122+

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18 01 77

17 07 79

72 10 76

62 TO 66

42 10 46

47 10 51

27 10 31

17 10 21

12 TO 16

11 OT 7

2 70 6

22 TO 26

12.4 15.7 16.1 35.7 163

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-58 TO-54 -59 & LWR

-43 TO-39

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-48 TO-44

-53 TO-49

-23 TO-19 -28 TO-24

-33 10-29 -38 10-34

-18 TO-14

-13 10 -9

-3 10 1

-8 10-4

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

CECIL FIELD, FLORIDA STATION NAME

93832 STATION

0

JANUARY 1973-DECEMBER 1977

DCTOBER

ALL

TEMP.	N Z Z	N N N	# W W	ESE & SE	SSE	SSW S SW	ws w	www &	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 10 96							100.0			140	.2
87 TO 91	4.8		14.3	14.3	14.3	14.3	19.0			21	
82 TO 86	7.4		35.8	11.6	7.4	5.3	11.6	1.1	4.2	95	
18 01 77	12.2		23.1	0.6	5.1	4.5	3.8	7.1	1.9	150	
72 10 76	23.4		15.2	3.5	2.6	2.2	6.5	5.2		231	
17 07 79	34.2		6.9	2.7	4.2		6.4	8.0		263	
62 TO 66	33.5		1.9	1.0	4.2	1.0	10.2	10.7	21.8	505	
19 01 75	32.7		•		6.	6.	8.0	19.5		113	
52 TO 56	39.0				3.7	3.7	12.2	8.5		82	9.9
47 TO 51	33.3				4.4	6.7	6.7	17.8		45	
42 TO 46	21.1				5.3	21.1	5.3	15.8		19	1.5
37 TO 41							33.3	16.7		9	.5
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 10 11											
2 70 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 10-44											
- 53 TC - 49											
-58 TO-54				1							
-59 & LWR											
TOTALS	6.07	6113	10.0	3.0		2.0	1.9	200	7.47	1540	0.001 0021

R TEMPERATURE	
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE	

WIND DIRECTION

CECIL FIELD, FLORIDA

93832 STATION

NOVEMBER JANUARY 1973-DECEMBER 1977

HOURS ( L.S.T.)

% OF TOTAL

FREG.

ALL

WIND DIRECTION

ESE & SE

ENE ENE

NNE NE

≥ Z × ×

TEMP. 122+ 112 TO 116

17 10 121

CALM

× × × WSW W W SSW SSW

10.4 SSE

114.00

77 TO 81

72 10 76

67 TO 71

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32 10 36 27 TO 31 22 TO 26

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17 10 21

11 01 / 2 10 6 -3 TO 1 -8 10-4

12 TO 16

-13 TO -9

-59 & LWR -18 TO-14 -33 TO-29 -23 10-19 -28 10-24 -38 TO-34 -43 10-39 -48 TO-44 -53 TO-49 -58 10-54

NAVWEASERVCOM

1200 100.0

17.9

9.6

8.6

2.6

6.

4.9

10.0

14.5

19.0

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WIND DIRECTION

CECIL FIELD, PLORIDA STATION NAME

93832 STATION

3

DECEMBER JANUARY 1973-DECEMBER 1977

ALL

TEMP.	NNN .	NNE	E N.	ESE	SSE	wss.	wsw	MNA .	CALM	TOTAL	% OF
	2	8		9 36	2		5			3	1
177			1	1	1	1					
17 10 121					1						
112 TO 116											
111 07 701											
102 TO 106											
101 01 76											
92 10 96											
19 07 78											
82 TO 86											
18 01 77					15.4	42.3	30.8			26	
72 10 76	2.0		14.0	7	16.0	26.0	20.0	4.0		05	4.0
17 07 79	3.1		13.4		18.6	15.5	19.6			44	
62 TO 66	6.5		12.6	4.8	16.3	13.5	16.7			215	
57 TO 61	8.6	-	5.6	5.1	10.2	8.0	15.7	-		197	1
52 TO 56	16.8			2.3	5.2	2.9	9.2			173	
12 07 74	18.8				1.6	2.3	10.9	28.9		128	
42 TO 46	18.2				1.5	2.9	18.2	27.0		137	
37 TO 41	20.9				3.6	2.7	20.9	13.6		110	
32 TO 36	32.3				3.1	1.5	26.2	18.5		65	
27 TO 31	17.9					2.6	17.9	23.1		39	
22 TO 26	33,3						33.3		33.3	19	.2
17 10 21											
12 70 16											
7 10 11											
2 70 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	13.3	11.0	9.0	4.2	8.4	2.8	16.7	14.6	17.3	1240	1240 100.0

0

0

0

0

0

0

2.43

NAVWEASERVCOM

WIND DIRECTION

CECIL FIELD, FLORIDA

93832 STATION

JANUARY

1973-DECEMBER 1977

ALL

ALL

WIND DIRECTION

W & W

SSW & SW

SSE

ESE & SE

ENE ENE

NNE S

3 Z 8

112 TO 116

17 10 121

122+

32 10 96 16 01 78 82 TO 86 18 01 77

111 OT 70

× × × ×

% OF TOTAL

FREG.

CALM

8.8 111.1

# 10011 - 0 E M - 1

11.3

12.5

11.1

11.5

57 TO 61 52 TO 56 47 TO 51 42 TO 46 37 TO 41 32 10 36 27 10 31

52 TO 66

201018

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22 TO 26

17 10 21

221.7

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111.22 111.22 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112.23 112

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10.013.8

4.4

6.9

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TOTALS

-33 10-29

-38 10-34 -43 TO-39 -48 TO-44 -53 10-49 -58 TO-54 -59 & LWR

-18 TO-14 -23 10-19 -28 TO-24

-13 TO -9

-8 TO-4

-3 10 1

9 OL 2

NAVWEASERVCOM

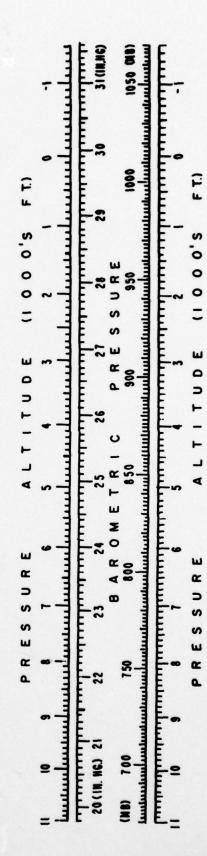
#### PART F

### PRESSURE SUMMARY

for all hours combined. All years of data available are combined in both of these tables, although the overall Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure Meteorological Tables.



# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

		SEA DE
-	13-11	
	3832 CECIL FIELDS FLUKION	
	CECIL FIELDS	
	93632	1011111

00

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	30.06230.035	30.035	0	02	6	200	996	8 5	29.930	8	6	-	33
10	S. D.	1:	.151	.137	.153	.115	060	.077	.076	.078	-117	.124	-167	.132
		133	-	7	-	7	130	7	2				75	90
	MEAN	30.05130.021	10.021	C	48	29.888	906	946	29.964	2	7.1	32	30.035	29.97
*	S. D.	1.04	154	191-	.158	.117	.092	.080	170	.080	-	.124	.16	
,	TOTAL OBS	155	191	155	150	=	2	155	155	150	2	150	155	1826
	MEAN	30.06630.0	30.045	29.993		5	935	73	29.9892	9.935	29.995	30.055	30.049	0
07	S. D.	941.	154	.136	.160	.115	.091	.079	.07	.079	•	.125		.13
,	TOTAL OBS	155	141		150	131	150	15	155	150	13		12	1826
	MEAN	30.1113	10.086	00	0.045	29.9	9.953	-	910	-	58	0	30.09	02
10	S. D.	.151 .162	.162	*1.	.164	.12	460		.078	•		.129		
	TOTAL OBS	159	141	-	150	1	5	2	2	150	-	150	15	N
	MEAN	30.05830.044	\$0.04	29.993	3	2	931	974	68	4	89	36	30.03	0
13	S. D.	140	.160	.140	.160	.117	160.	.080	.075	.082	.126	.129		
	TOTAL OBS	155	141		150	-	5	15	155	150	2	15	15	~
	MEAN	30.0202	9.990	37	-	69	-	933	3	9.891	58	0	00	
10	S. D.	.147 .163	.163	.145	.161	.120	.093	.083		*084	.127	.131	•	
	TOTAL OBS	159	141	57	150	-	150	2	-	15	5	-	155	
	MEAN	30.04930.0	10.010	4	73	1	9.90	9.944	29.961	9.910	7	30.02	0	
19	S. D.	.141	.159	137	.156	.114	260.	.081	.075		.124	.128	.160	
	TOTAL OBS	159	141	159	-	-	15	15	155	1	-	15		~
	MEAN	30.07830.0	30.043	68	012	29.917	938	976	66	29.949	30.00	30.056	30.05	8
22	S. D.	**!	.153	.136	.155	.113	.095	.082	.074	.080		.129		.133
	TOTAL OBS	159	141	159	-	15	15	15	-	150	1.5	15	15	82

0 0 0

0

TOTAL OBS

MEAN S. D.

ALL

0 0 0

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

FLURIDA 73-77	1
FLURIDA	FIELD, FLURIDA
FLURIDA	FIELD, FLURIDA
	FIELD,

STATION

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	NOr.	nor.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNOAL
10	S. D. TOTAL OBS	1020.	00	1018.1 4.666 154	200	4 55	3.015 3.015 150	2.553	20	2.625	1018+1 3.989 155	4.209	1019.9 5.665 155	1018.2
8	S. D. TOTAL OBS	1020.91019.31 4.993 5.204 155 141	5.204	4.758	5.378	3.942	3.088	2.546	2.572	1015.5 2.657 150	1017.6 4.038 155	1019.6	1019.8 5.563 155	1017.6
6	S. D. TOTAL OBS	1020.81020.11 4.942 5.225 159 141	1020.1 5.225 141	4.614	5.418	1016.0 3.895 155	3.045	2.634	2.510	1016.4 2.621 150	1018.4	1020.4 4.233 150	1020.2 5.544 155	1018.5
01	S. D. TOTAL OBS	1022.31021 5.142 5.4 155 1	5.474	1019.5 4.763 155	1020-1 5-530 150	4.059	3.149	1018.4 2.757 155	2.590 2.590 155	2.711	1019.6 4.236 155	1021.6 4.392 150	1021.6 5.586 155	1019.5
2	S. D. TOTAL OBS	1020-61020-11 5.057 5-418 155 141	1020-1 5.418 141	4.734 155	1019.0 5.420 150	3.953	71016.2	2.690 2.690 155	2.514	2.759 2.759	1018.2 4.278 155	1019.8 4.358 150	1019.8 5.518 155	1018.3
9.1	S. D. TOTAL OBS	1019.31018.21 4.989 5.470 159 141	1018.2 5.470 141	4.896	5.455	1014.1	3.104	1016.3 2.768 155	1016.8 2.509 155	2.817 2.817	1017.1	1018.71	1018.7 5.534 155	1016.9
6.	S. D. TOTAL OBS	1020-31018-91 4.777 5.251 155 141	5.251	4.647	5.288	3.845	1015.4 3.090 150	2.709	1017.2 2.422 159	1015.5 2.678 150	1017.8	4.333	1019.6 5.433 155	1017.5
22	S. D.	1021-21020-11 4-913 5-256 159 141	1020-1 5.256 141	4.045	1019.0 5.232 150	3.826	3.085	2.720	2.468	1016.7 2.678 150	4.129	1020.5 4.380 150	1020.4	1018.6
All	S. D. TOTAL OBS	5.016 5.36	5.364 1128	1017.91	1018.6 5.416 1200	3.996	3.136	2.759	2.608	1016.1 2.787 1200	1018.2 4.206 1240	1020.01	1020.0	1018-1